

# A Bibliography of Publications in *Theoretical Computer Science*: 2015–2019

Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA

Tel: +1 801 581 5254  
FAX: +1 801 581 4148

E-mail: [beebe@math.utah.edu](mailto:beebe@math.utah.edu), [beebe@acm.org](mailto:beebe@acm.org),  
[beebe@computer.org](mailto:beebe@computer.org) (Internet)  
WWW URL: <http://www.math.utah.edu/~beebe/>

19 December 2016  
Version 1.55

## Title word cross-reference

#SAT [1025].

$(1 + \lambda)$  [9].  $(1.408 + \epsilon)$  [528].  $(J, K)$  [359].  
 $(\mu, \alpha)$  [211].  $(n, k)$  [695]. 1 [472, 287, 95]. 1.5 [386].  $1/3^h$  [724].  $13k$  [947]. 2 [872, 905, 499, 300, 541, 622, 723, 758, 608, 355, 803, 853, 164, 142, 38, 635].  $\{2, 3\}$  [694]. 3 [350, 541, 868, 723, 544, 775, 286, 463, 1091, 798]. 4 [1079].  $R$  [620].  $_{ew}$  [820].  $b$  [533].  $\beta$  [314].  $C^\infty$  [88].  $C_8$  [207].  $C_9$  [207].  $D$  [1119, 706, 382].  $F_4$  [148].  $g$  [798, 360].  $h$  [693].  $H_k$  [58].  $i$  [807].  $\infty$  [853].  $K$  [92, 288, 1096, 1125, 751, 706, 850, 343, 622, 399, 796, 892, 1109, 1078, 324, 49, 469, 635, 1088].  $K_5$  [345].  $L$  [377, 672].  $L_1$  [336].  $\lambda$  [505, 660].

$\log_2 N$  [585].  $\mathbf{R}^2$  [692].  $\mathbf{Z}^3$  [502].  $\mu$  [761].  $n$  [622, 451, 860, 113, 798].  $N^k$  [53].  $P$  [562, 922, 925, 122, 624, 348].  $P_3$  [520, 133].  $P_4$  [194].  $P_k$  [908].  $\pi$  [671, 786].  $\Pi_1^1$  [1016].  $Q$  [178, 670].  $s$  [618, 637].  $s_2$  [155].  $st$  [952].  $T$  [128, 618, 24, 637].

-abelian [355, 1109]. -agent [300].  
-algebras [820]. -approval [382]. -ary [622, 798]. -basis [1119]. -batch [122].  
-binomial [142]. -bound [58]. -calculus [505, 671, 786]. -center [343, 469, 92].  
-clique-colouring [723]. -clustering [796].  
-coloring [350]. -connected [868, 635].  
-convexity [520]. -cube [798]. -cubes [622].  
-dimensional [860]. -disjoint [622].  
-distinct [751]. -domains [672].  
-equicontinuous [761]. -extensions [24].

-extra [803, 360, 693]. -frame [1078]. -free [207, 908]. -Good-neighbor [798]. -graphs [952]. -group [348]. -invariant [148]. -isometric [38]. -kernel [947]. -level [128]. -Mark [807]. -matching [533]. -Means [288, 850]. -median [472]. -meet-semidistributive [1125]. -nested [1096]. -partition [635]. -partitions [872, 905, 624]. -partners [194]. -path [1091]. -permutation [451]. -placement [324]. -planar [95]. -Player [113]. -protected [758]. -Quasicontinuous [155]. -resolution [178, 670]. -Restricted [694]. -reversible [49]. -SAT [1088]. -search [359]. -searcher [853]. -server [499]. -sink [287]. -spanners [211]. -spectrum [314]. -star [695]. -storage [399]. -sun-free [463]. -terms [660]. -trees [164]. -uniform [286]. -words [88].

**1** [95]. **1st** [233]. **1st-order** [233].

**21st** [322].

**34-36** [983].

**411** [983]. **429** [67].

**524** [473]. **557** [1003].

**60th** [878]. **646** [1022].

**7th** [504].

**8th** [504].

**abelian** [907, 1070, 355, 1109, 129, 454, 455, 1069, 857, 93]. **absolute** [403]. **abstract** [180]. **abstraction** [824]. **accelerating** [968]. **access** [253, 107, 84]. **accounts** [546]. **action** [842, 920]. **activation** [530, 205]. **active** [102]. **ad** [665, 253, 544, 655]. **ad-hoc** [544]. **adaptation** [936]. **Adaptive** [738, 937, 341, 333, 1017, 602, 839].

adaptively [946]. adaptively-secure [946]. **adaptivity** [55]. **addition** [514]. additive [211, 244]. **additivity** [779]. **adjacency** [1031]. **adjusting** [248]. **Advancements** [165]. **Advances** [773, 425, 933]. **adversaries** [247]. **advice** [397, 574, 445]. **advised** [675]. **against** [633, 675]. **agent** [479, 300, 400]. **agents** [577, 1046, 709]. **aggregate** [200]. **aggregation** [545, 993, 118]. **agreement** [54, 612]. **ahead** [700]. **airspace** [275]. **aka** [1117]. **al** [913]. **algebra** [762]. **Algebraic** [344, 903, 488, 490, 662]. **Algebraic-coalgebraic** [488]. **algebras** [72, 820]. **Algorithm** [1002, 915, 499, 692, 148, 613, 472, 150, 525, 606, 333, 443, 9, 749, 199, 814, 63, 386, 1062, 460, 354, 778, 329, 1073, 101, 924, 598, 36, 635, 361, 637, 717, 1064, 493]. **Algorithmic** [76, 272, 357, 267]. **Algorithmics** [524]. **Algorithms** [1060, 543, 1125, 935, 609, 599, 494, 1118, 547, 162, 1011, 33, 975, 439, 107, 109, 456, 343, 29, 54, 1025, 1087, 515, 239, 686, 103, 1076, 546, 416, 678, 238, 37, 962, 48, 223, 657, 358, 1065, 551, 46, 314, 498, 630, 123, 318, 911, 1083, 349, 1086, 531, 146, 87, 385, 445, 533, 1038, 1085, 264, 1091, 818, 756, 534, 1029, 978]. **Alignment** [166, 222, 894]. **All-to-all** [603]. **alliances** [223]. **allocation** [801, 27, 305, 318]. **allocations** [802, 392]. **almost** [306, 12]. **almost-confluent** [306]. **alphabet** [1062, 869]. **alphabet-independent** [1062]. **alternating** [492, 32]. **alternative** [853]. **always** [702]. **Ambiguous** [34]. **Amihood** [878]. **Amir** [878]. **among** [673]. **analyses** [822, 566]. **analysing** [762]. **Analysis** [494, 431, 521, 913, 250, 11, 816, 261, 280, 426, 281, 107, 875, 150, 252, 749, 22, 434, 938, 373, 930, 492, 831, 13, 747, 493, 520, 359]. **analytic** [480]. **Analyzing** [615]. **ancestor** [1064]. **Ancestors** [560]. **Anchor** [741]. **anchored** [1036]. **angle** [899]. **annihilating**

[210]. **anonymization** [514]. **Anonymous** [215, 757, 653, 1088]. **answering** [192]. **ant** [13]. **antenna** [249]. **antennae** [656, 313]. **anti** [1068]. **anti-exponent** [1068]. **ants** [579]. **Any** [286]. **Aperiodic** [971].  
**Application** [184, 722, 261, 269, 525, 566, 101, 968].  
**Applications** [284, 426, 504, 1042, 412, 1061, 393, 344, 546, 305, 538, 250, 931, 379, 1064]. **Applicative** [262]. **applied** [671, 580, 942]. **Applying** [1110]. **approach** [301, 426, 1100, 70, 628, 252, 381, 335, 976, 873, 691, 168, 36, 662]. **approval** [382]. **Approximability** [323, 3, 67]. **Approximate** [280, 545, 950, 893, 802, 1040, 791, 1011, 50, 997, 427, 1085]. **Approximating** [1088, 854].  
**Approximation** [522, 627, 342, 46, 911, 349, 635, 818, 288, 439, 383, 54, 774, 544, 948, 707, 528, 696, 318, 1073, 531, 146, 385, 1038, 36, 1029, 978, 637]. **approximations** [464]. **arbitrary** [1107]. **arborescenses** [743]. **Arc** [525, 910, 329]. **arguments** [522]. **arithmetization** [442]. **arrays** [436]. **articulated** [775]. **ary** [622, 798]. **ASM** [986]. **ASP** [430]. **aspects** [233, 357]. **assembly** [613, 561]. **asset** [447]. **assignable** [754]. **assignment** [123, 717]. **assignments** [861, 848]. **Associative** [126]. **asymptotic** [550, 9]. **asynchronous** [15, 578, 696, 709]. **asynchronously** [1053]. **atomic** [1124]. **attack** [1035]. **attacks** [633]. **Attractor** [428]. **auctions** [144, 130].  
**Automata** [184, 751, 70, 406, 186, 1050, 456, 435, 837, 727, 192, 85, 564, 761, 592, 187, 61, 824, 189, 182, 764, 190, 328, 919, 1112, 204, 489, 105, 91, 649, 1021, 370, 611, 856]. **automatic** [1076, 24, 990, 794, 549].  
**Autonomous** [596]. **availability** [60]. **available** [703]. **Average** [150, 589, 87, 626, 407, 401, 169, 537, 164]. **Average-case** [589, 407, 169]. **avoidability** [1076, 454]. **avoidance** [781]. **Avoiding** [142, 620]. **axiom** [636]. **axiomatization** [684].  
**Back** [558]. **Backbone** [207, 544]. **backlog** [495]. **backtracking** [717]. **bad** [476, 38]. **Balanced** [384, 635]. **balancing** [519]. **balls** [854]. **Bandit** [994]. **bandwidth** [531]. **barrier** [197]. **based** [1119, 366, 301, 886, 971, 660, 269, 70, 849, 1087, 628, 774, 420, 1006, 938, 178, 930, 985, 342, 775, 492, 840, 1084, 365, 753, 567, 832, 931, 697, 691, 168, 587, 106]. **bases** [148, 813]. **basic** [316, 735, 57, 465]. **basis** [1119, 838]. **batch** [122, 206, 123, 236, 139, 713]. **Batcher** [873]. **Batching** [680]. **BC** [208]. **BC-subtrees** [208]. **be** [726, 95]. **Beachcombers'** [576]. **Beating** [348]. **beaver** [961]. **behaviors** [416, 1112]. **behaviour** [761]. **being** [128]. **benefit** [55]. **Better** [1078, 499, 702, 544]. **between** [73, 277, 86, 803, 649, 370]. **beyond** [727, 993]. **BFS** [269]. **BFS-based** [269]. **BGP** [444]. **biased** [1073]. **bi cliques** [871]. **bicriteria** [228]. **bidirectional** [893]. **big** [964]. **Bigraphs** [179]. **bijection** [1103]. **bilevel** [385]. **bilinear** [29]. **Bin** [464, 398, 912, 550, 468, 802, 445, 392]. **Binary** [1058, 1119, 290, 378, 907, 30, 923, 620, 724, 689, 1063]. **Binomial** [455, 142]. **biochemical** [921, 282]. **biological** [280, 279, 108]. **Biology** [277, 425, 558]. **bipancyclicity** [470, 808, 806]. **bipartite** [96, 624, 39, 747, 87]. **birthday** [878, 1035]. **bisimilarity** [73]. **Bisimulation** [71, 427, 667, 371]. **bit** [1034]. **bit-pair** [1034]. **Bivalent** [480]. **black** [398, 501, 103, 594]. **black-box** [103]. **block** [604, 606, 1058, 814, 111]. **block-interchange** [606]. **blocking** [506, 783]. **blood** [566]. **blowing** [218]. **board** [26, 6, 7, 20, 68, 74, 81, 90, 97, 104, 112, 119, 127, 136, 143, 151, 157, 167, 176, 183, 193, 202, 213, 221, 231, 240, 254, 263, 276, 283, 295, 307, 320, 332, 346, 364, 376, 390, 404],

409, 423, 432, 448, 458, 474, 483, 491, 503, 511, 523, 535, 554, 555, 556, 581, 845, 855, 864, 874, 877, 896, 904, 917, 926, 929, 932, 945, 955, 963, 973, 984, 987, 996, 1004, 1013, 1023, 1041, 1049, 1055, 1072, 582, 583, 638, 639]. **Board** [658, 664, 674, 683, 687, 698, 708, 714, 725, 730, 740, 750, 759, 772, 784, 789, 799, 810, 819, 827, 833, 1080, 1093, 1114, 1115]. **Boltzmann** [418]. **Book** [165]. **boolean** [991, 962, 145, 87, 825, 428, 126, 848, 232, 430]. **Boosting** [465]. **bootstrap** [18]. **Borda** [756]. **Border** [1060]. **borders** [621]. **Born** [946]. **both** [470]. **bottleneck** [160]. **bound** [850, 612, 461, 224, 58, 403, 418, 446, 348]. **Boundary** [645, 521, 188]. **Bounded** [75, 309, 1010, 886, 222, 310, 779, 1005, 875, 315, 42, 137, 815, 743, 519, 889, 520]. **bounded-degree** [520]. **Bounding** [50, 219, 395, 476]. **bounds** [702, 652, 1033, 1025, 868, 1044, 776, 871, 1071, 1078, 19, 764, 940]. **box** [103]. **bracing** [542]. **brain** [843]. **Branch** [599, 697]. **Branch-and-reduce** [599]. **Branching** [149, 643, 369, 667, 371]. **branchings** [384]. **Brane** [281]. **breaches** [407]. **breakdown** [959]. **bribery** [382]. **broadcast** [603, 159, 114, 655]. **Broadcasting** [253, 746, 52]. **bubble** [951]. **bubble-sort** [951]. **Büchi** [150]. **budget** [801, 268]. **budgets** [144]. **Buffer** [297]. **bunch** [468]. **bunched** [685]. **burnt** [588, 226]. **Busy** [961, 56]. **butterfly** [1046]. **Byzantine** [612]. **cacti** [898]. **cactus** [814]. **Calculi** [281, 73, 181]. **calculus** [505, 685, 507, 76, 671, 786]. **call** [505]. **call-by-value** [505]. **calls** [1026]. **can** [726]. **Cancellation** [310]. **Cancellation-free** [310]. **canonical** [628, 489]. **Cantor** [704]. **Cantor-like** [704]. **capacitated** [92, 680]. **capacities** [163]. **capacity** [843, 572]. **capture** [292]. **Card** [753]. **Card-based** [753]. **cardinalities** [1109]. **cardinality** [623]. **Carlo** [937, 940, 941, 942]. **carpenter** [266]. **cartesian** [372, 603, 83, 688]. **cascades** [352]. **cascading** [540]. **case** [599, 301, 393, 407, 150, 42, 137, 403, 589, 169, 305, 246, 1046, 101]. **case-based** [301]. **cases** [266]. **catalytic** [763]. **Catastrophic** [540]. **catch** [809]. **Categorial** [196]. **categorical** [291]. **categories** [372]. **Category** [100]. **Cauchy** [78]. **Causal** [281, 154]. **causalities** [768]. **Cayley** [129]. **CCA2** [913]. **CCA2-secure** [913]. **CDS** [696]. **Celebrity** [979]. **Cell** [771, 563]. **Cell-like** [771]. **cellular** [837, 761, 195, 497, 919, 204]. **center** [801, 92, 343, 902, 469]. **centerpoint** [692]. **central** [400]. **century** [322]. **certain** [24, 452]. **certificate** [755, 323]. **certificateless** [900]. **ceteris** [1124]. **chain** [870, 995]. **challenge** [138]. **change** [739, 11]. **changeover** [743]. **Changing** [651]. **channel** [690, 427]. **channels** [253, 866, 930]. **characterisation** [256]. **characteristic** [1107, 1082]. **characteristics** [233]. **Characterization** [290, 15, 1099, 115, 247, 416, 920, 214, 669]. **characterized** [393]. **Characterizing** [258, 369, 111]. **characters** [1100]. **cheapest** [678]. **Checking** [366, 767, 426, 875, 628, 985, 668, 168]. **chemical** [831]. **chess** [938, 939]. **Chinese** [938, 412]. **choice** [1038]. **cholesterol** [566]. **chordal** [438, 723, 174]. **chordality** [815]. **chores** [351]. **chosen** [602, 25]. **chosen-key** [25]. **Christoffel** [1105]. **chunks** [159]. **Church** [306]. **CIAA** [184]. **ciliates** [561]. **ciphertext** [602, 587]. **circles** [502]. **circuit** [838]. **circuits** [721, 426, 310, 1025, 643, 252, 422]. **Circular** [899, 897, 525, 1106, 910, 329]. **circular-arc** [910, 329]. **circulatory** [566]. **class** [163, 293, 1101, 297, 954, 152, 1038, 95]. **classes** [1011, 502, 2, 64, 262, 677, 724, 990, 1109, 1008]. **Classic** [274, 480, 1039]. **classic-like** [480]. **classical** [788, 405, 150, 509]. **cleaners** [573].

**cleaning** [497]. **clique** [303, 723, 169, 518, 676, 345, 580].  
**clique-hypergraphs** [345]. **clique-width** [303]. **cliques** [723, 601]. **close** [294]. **closed** [372]. **Closest** [434]. **Closure** [496, 804, 1122, 369, 275, 189, 1121].  
**closures** [647]. **cloud** [1087]. **cloud-based** [1087]. **cluster** [438]. **clustered** [128, 607].  
**clustered-level** [128]. **Clustering** [1075, 796, 901, 446, 631]. **clusters** [439]. **co** [121, 101]. **co-comparability** [121].  
**co-optimization** [101]. **Coalgebraic** [489, 490, 488]. **coalgebraically** [487].  
**coalitional** [705]. **code** [42, 180, 565].  
**codes** [1095, 340, 862]. **coding** [701, 335, 839]. **codomains** [494]. **cognitive** [842]. **coli** [428]. **Collatz** [724, 2]. **colony** [13]. **color** [970, 629, 854, 594].  
**color-spanning** [629, 854]. **colored** [1100, 748, 467]. **Coloring** [345, 207, 350, 397, 5, 1003, 595, 916].  
**colorings** [94]. **coloured** [392]. **colouring** [897, 723, 657]. **Colussi** [724]. **combination** [1039]. **Combinatori** [625]. **Combinatorial** [304, 89, 130, 607, 340, 113, 339].  
**Combinatorics** [621, 44, 1024, 421]. **come** [858]. **comma** [1095]. **comma-free** [1095].  
**Command** [985]. **Command-based** [985].  
**Comment** [724]. **commitment** [347].  
**common** [309, 888, 228, 123, 47, 1064].  
**communicating** [1053]. **Communication** [650, 575, 241, 1028, 18, 866, 930].  
**communities** [681]. **community** [243].  
**commutative** [42, 137, 53, 126].  
**commutativity** [805]. **compact** [1063].  
**comparability** [121]. **comparison** [716, 226]. **compartment** [566].  
**compatibilities** [680]. **compatibility** [4, 473, 236]. **Competitive** [515, 796, 22, 550, 678, 1044, 732, 359].  
**complement** [367]. **Complete** [920, 1048, 115, 785, 682, 273, 636].  
**completely** [1007]. **Completeness** [823, 666, 478, 592]. **completion** [237, 754, 713]. **Complex** [841, 78, 381, 328].  
**complexes** [711, 333]. **Complexity** [721, 767, 438, 974, 255, 197, 94, 402, 575, 640, 1126, 520, 797, 171, 816, 548, 309, 1010, 185, 1009, 787, 1012, 302, 907, 711, 257, 934, 479, 514, 516, 821, 383, 444, 641, 326, 526, 705, 103, 262, 258, 82, 723, 589, 169, 440, 776, 848, 355, 999, 434, 1001, 496, 790, 538, 647, 549, 246, 591, 118, 631, 804, 704, 851, 632, 570, 91, 493, 648, 793, 388, 455, 116, 382, 28, 650, 681, 241].  
**Component** [282, 914, 783]. **components** [775]. **composable** [1040]. **composition** [1077]. **compositionality** [73, 480].  
**Comprehensive** [416]. **Compressed** [593, 187, 884, 1065, 894]. **compression** [736, 342]. **compromises** [305]. **Comput** [1022, 473, 983, 67, 1003]. **Computability** [233]. **computable** [256]. **Computation** [8, 308, 475, 1068, 1061, 269, 428, 998, 1070, 1082, 31, 486, 668, 832, 217, 17, 636, 284].  
**Computational** [444, 425, 591, 793, 102, 681, 922].  
**computationally** [274]. **Computations** [727, 15, 442]. **compute** [778]. **Computer** [773, 277, 558, 933]. **computers** [998, 830].  
**Computing** [890, 394, 907, 30, 769, 861, 623, 422, 14, 718, 411, 601, 98, 547, 692, 148, 866, 986, 381, 314, 840, 753, 697, 625, 1024].  
**concepts** [1092]. **concerning** [986].  
**Concurrent** [35, 726, 510]. **Conditional** [1077, 59, 806, 170, 803, 1006, 716, 481, 798, 617]. **conditions** [564, 72, 95]. **Conference** [625, 1024]. **confidence** [940]. **confirmer** [715]. **Conflict** [572, 94]. **conflict-free** [94].  
**confluence** [191]. **confluent** [306].  
**conformance** [366]. **Congested** [580].  
**congruential** [306]. **conjecture** [38].  
**Conjectures** [389]. **Conjugacy** [862].  
**conjunction** [753]. **conjunctions** [1124].  
**conjunctive** [720, 719]. **Connected** [251, 269, 516, 352, 868, 815, 351, 3, 67, 553, 1021, 133, 635]. **connection** [934, 1002, 610, 553]. **Connectivity** [313, 120, 326, 249, 656, 82, 951, 803, 694],

1019, 716, 852, 360, 693, 914]. **consecutive** [889, 531]. **consensus** [247]. **consequences** [462]. **conservation** [413]. **conservative** [1124]. **considered** [552]. **consist** [372]. **consistency** [817, 791]. **consistent** [911, 1066, 45, 967]. **Conspiracy** [943]. **Constant** [1073, 654, 813, 239, 745, 630, 906, 587]. **constant-size** [587]. **constant-sized** [630]. **Constrained** [541, 366, 350, 315, 618, 529, 318]. **constraint** [626, 60, 915, 510, 168, 1092]. **constraints** [268, 447, 82, 245, 172, 989, 889, 140, 584]. **construct** [598]. **Constructing** [743, 218, 1007, 544]. **construction** [546, 129, 887]. **Constructions** [817, 751, 31, 34, 489, 1063, 117, 344]. **contact** [813]. **context** [331, 42, 137, 785, 645, 191, 903, 735, 675]. **context-free** [42, 137, 785, 645, 903, 735, 675]. **contexts** [260, 1054, 289]. **continuous** [710, 375, 1113, 1075]. **continuum** [441]. **contour** [567]. **contour-based** [567]. **contraction** [953, 517]. **control** [304, 770, 382]. **Controlling** [663]. **convergence** [2, 418, 724, 696, 285]. **convergent** [954]. **Convex** [624, 543, 783]. **convexities** [605]. **convexity** [437, 520]. **convolution** [774]. **convolution-based** [774]. **cooperating** [663]. **Coordinate** [741]. **Coordinating** [124]. **coordination** [237]. **cop** [292]. **cops** [526, 949]. **Core** [227, 623, 802]. **correction** [742]. **correctness** [181]. **Correlation** [1025, 631]. **Correspondence** [451, 788, 76]. **Corrigendum** [1022, 473, 983, 67, 1003]. **Cost** [958, 627, 27, 467, 743, 537, 529, 532, 205]. **Cost-sharing** [958]. **costs** [752, 965, 89, 530]. **counter** [805]. **Counting** [1097, 1020, 848, 948, 145, 879, 1085, 465]. **countings** [545]. **courteous** [271]. **cover** [599, 651, 1017, 82, 972, 133, 1091, 818, 1029]. **coverage** [197, 171]. **covering** [163, 591, 552, 534]. **covers** [622, 518, 847, 712, 598, 32]. **covert** [930]. **creation** [147]. **criterion** [89]. **critical** [1001, 869]. **crossed** [776]. **crossing** [899, 116]. **cryptograms** [84]. **cryptography** [594]. **cryptoscheme** [1034]. **crystallization** [944]. **CSPs** [848]. **cube** [170, 798]. **cubes** [622, 694, 142]. **cubic** [701, 293, 617]. **cumulative** [710]. **Curry** [788]. **curve** [776]. **cut** [162, 618, 551, 980, 609, 637]. **cuts** [977, 1001]. **CVP** [749]. **cycle** [1029]. **cycles** [966, 467, 909, 299]. **cyclic** [611]. **cycling** [651]. **cylinder** [389, 636]. **cylindric** [1095]. **D** [541, 544, 608, 775, 386]. **DAG** [1048]. **DAG-width** [1048]. **dagger** [490]. **dangerous** [654]. **dark** [938]. **Data** [52, 902, 578, 317, 522, 964, 239, 220, 969, 920, 118, 586, 747, 469]. **database** [481, 632]. **Databases** [1123, 339]. **dataflow** [1087]. **dataset** [1087]. **date** [228]. **DCell** [598]. **Deadness** [927]. **Dealing** [16]. **decay** [1, 983]. **Decentralized** [982, 16]. **decidability** [1009, 405, 671, 189]. **decidable** [152]. **deciding** [1053]. **Decision** [1076, 312, 378, 150, 628, 993]. **decomposition** [947, 149, 667]. **decompositions** [671, 950, 481, 697]. **decontamination** [1046]. **decrease** [1046]. **decryption** [817]. **deduction** [788]. **default** [79]. **defect** [1010]. **defined** [1102]. **definite** [1122]. **definition** [1108, 34]. **degree** [309, 757, 514, 315, 520, 972, 619]. **degree-anonymous** [757]. **Degrees** [327, 269]. **delay** [689]. **delays** [417]. **deletes** [62]. **deletion** [438, 149]. **deliveries** [123]. **delivery** [237, 754, 60, 139, 713]. **demand** [144, 1083]. **dense** [618]. **density** [1067]. **dependencies** [921]. **Dependency** [413, 196, 632, 670]. **dependent** [259, 347, 739, 488]. **depth** [310]. **derivative**

[78]. **derivatives** [1105, 774]. **descendants** [560]. **Descriptional** [640, 91, 804]. **Design** [26, 492, 431, 278, 58, 27, 106, 968, 1040]. **designated** [715]. **designing** [103]. **detect** [1064]. **detecting** [1051]. **detection** [79, 521, 243, 653]. **deteriorating** [206]. **determinantal** [422]. **determinants** [24]. **determined** [377]. **Deterministic** [1017, 657, 189, 212, 472, 700, 948, 246, 804, 190]. **Developments** [255]. **DFA** [238, 967]. **DFA**s [185, 1012]. **diagnosabilities** [616]. **diagnosability** [1077, 803, 59, 716, 226, 798, 617]. **Diagnosis** [813, 566]. **diagonal** [1090]. **diagrams** [378]. **diameter** [269, 1079]. **DICE** [255]. **Dichotomy** [145, 897, 402]. **Dictionary** [298, 187]. **different** [502, 9, 492]. **differential** [44, 429, 793, 233]. **Differentially** [737]. **Differentially-private** [737]. **diffusion** [280, 245]. **digital** [774, 758, 775, 778]. **digraph** [41, 46]. **digraphs** [384, 872, 905, 83, 1047]. **Dijkstra** [486]. **Dilworth** [473, 4]. **dimension** [814, 614]. **dimensional** [1095, 882, 343, 737, 860, 824, 446, 649, 469]. **dimensionality** [738]. **dimensions** [850]. **Direct** [795]. **Directed** [1118, 699, 1127, 352, 399, 1044, 688]. **directional** [249, 313]. **Discovery** [1119, 1123, 246]. **Discrete** [773, 494, 779, 780, 447, 782]. **discriminating** [363]. **disjoint** [198, 622, 910, 358, 909, 129, 847, 712, 598, 32]. **disk** [133]. **dispersal** [755, 323]. **disprove** [927]. **dissociation** [1091]. **distance** [886, 147, 606, 997, 956, 1062]. **distinct** [751, 981, 465]. **Distinguishing** [224, 595, 916]. **Distributed** [243, 498, 14, 217, 655, 195, 946, 250, 17, 387, 465]. **distribution** [836, 416, 972, 619]. **distributional** [735]. **distributively** [946]. **diversity** [11]. **Dividing** [351]. **division** [563, 807]. **divisor** [642]. **DNA** [203, 832, 565]. **DNA-based** [832]. **Document** [863]. **does** [579, 858]. **domain** [261]. **domains** [77, 372, 497, 793, 672]. **dominating** [569, 64, 51, 815, 999, 358, 553, 21]. **domination** [974, 420, 1008, 329, 146, 812]. **Domineering** [339, 944]. **Double** [238, 656, 419]. **doubly** [627]. **down** [700]. **DPDAs** [885]. **dragons** [961]. **drawing** [865, 1027, 527]. **drawings** [899]. **dreadful** [961]. **driven** [189, 91, 719, 1104]. **drop** [713]. **drop-line** [713]. **dual** [252, 36, 818]. **Dualization** [1120, 1119, 722]. **duals** [131]. **due** [228, 123]. **duo** [1022, 957]. **duration** [412]. **durations** [252]. **during** [937]. **duty** [651]. **Dyck** [859, 600]. **Dynamic** [969, 37, 548, 768, 752, 547, 380, 243, 800, 1057, 287, 513, 234, 883, 354, 911, 13, 11, 903, 817, 217, 587]. **dynamical** [145, 927, 488]. **dynamics** [982, 427, 100]. **dynamics** [391].   
**E.** [428]. **Early** [192]. **easier** [500]. **easy** [265, 948]. **ecological** [562]. **Eden** [560]. **Edge** [518, 909, 808, 149, 577, 467, 82, 517, 299, 470, 533, 806, 693]. **edge-bipancyclicity** [808, 806]. **Edge-clique** [518]. **edge-colored** [467]. **edge-connectivity** [693]. **Edge-disjoint** [909]. **Edge-pancyclicity** [808]. **edge-recoloring** [467]. **edge-weighted** [577, 533]. **edges** [806, 614]. **edit** [1062]. **Editing** [327]. **Editorial** [557, 410, 424, 760, 828, 834, 918, 241, 1024, 575, 6, 7, 20, 68, 74, 81, 90, 97, 104, 112, 119, 127, 136, 143, 151, 157, 167, 176, 183, 193, 202, 213, 221, 231, 240, 254, 263, 276, 283, 295, 307, 320, 332, 346, 364, 376, 390, 404, 409, 423, 432, 448, 458, 474, 483, 491, 503, 511, 523, 535, 554, 555, 556, 581, 845, 855, 864, 874, 877, 896, 904, 917, 926, 929, 932, 945, 955, 963, 973, 984, 987, 996, 1004, 1013, 1023, 1041]. **Editorial** [1049, 1055, 1072, 582, 583, 638, 639, 658, 664, 674, 683, 687, 698, 708, 714, 725, 730],

740, 750, 759, 772, 784, 789, 799, 810, 819, 827, 833, 650, 1080, 1093, 1114, 1115]. **Editors'** [988, 731, 158]. **effect** [257, 805]. **Effective** [836]. **efficiency** [368, 102]. **Efficient** [1068, 317, 338, 975, 343, 29, 1082, 962, 1057, 782, 531, 587, 692, 162, 606, 964, 1059, 997, 1008, 1062, 114, 379, 598, 1064]. **Efficiently** [854, 457]. **egos** [275]. **election** [748, 19]. **elections** [304, 382]. **electorates** [116]. **electromagnetism** [924]. **electromagnetism-like** [924]. **electronic** [546]. **element** [225]. **elementary** [919]. **elements** [106]. **eligibility** [140]. **ellipsoid** [770]. **Embedded** [1019]. **Embedding** [1030, 607, 299, 165]. **embeddings** [652]. **embodied** [837]. **encoded** [1060]. **Encoding** [608]. **encodings** [1032, 831]. **encrypted** [866]. **encryption** [602, 203, 1006, 913, 817, 691, 587, 138]. **end** [805]. **end-markers** [805]. **endgame** [339]. **energy** [319]. **engine** [261]. **enhanced** [25]. **enough** [563]. **enriched** [485]. **entities** [501]. **entropy** [1033]. **enumerable** [733, 673, 905]. **Enumerating** [815, 209]. **Enumeration** [414, 208, 676, 348]. **environment** [1051]. **environments** [508, 11]. **envy** [679]. **envy-freeness** [679]. **Epsilon** [415]. **Epsilon-net** [415]. **epsilons** [490]. **equal** [140]. **equality** [718]. **equality-free** [718]. **equations** [78, 429, 1090, 728, 793, 233]. **equicontinuous** [761]. **equilibria** [530, 851, 316]. **equivalence** [42, 137, 53, 215, 260, 673, 853, 1109, 1066, 455]. **Error** [406, 742, 378]. **Error-pruning** [406]. **errors** [800]. **Establishing** [866]. **estimation** [836, 416, 774, 739, 379]. **estimators** [954]. **evaluate** [964]. **evaluation** [522, 1018, 941]. **evasion** [1045]. **evasive** [286]. **even** [546, 873]. **event** [521]. **events** [800]. **eventual** [214]. **Every** [299]. **evolution** [837, 770]. **Evolutionary** [8, 923, 9]. **Exact** [1011, 33, 1091, 756, 551, 146]. **exactness** [73]. **examples** [735]. **exchange** [300, 34, 873, 25]. **Excuse** [271]. **execution** [729]. **existence** [671, 49]. **expandable** [1074]. **expanding** [497]. **Expansion** [178, 225]. **Expansion-based** [178]. **Expected** [826, 248, 995]. **exploited** [968]. **Exploiting** [239]. **exploration** [1044, 940]. **Explore** [501]. **Exploring** [654]. **exponent** [1068, 1097]. **exponential** [599, 335]. **exponential/FPT** [599]. **expressed** [726, 232]. **expressions** [804]. **expressive** [426, 792, 79]. **Expressiveness** [787]. **expressivity** [311]. **Extended** [722, 594]. **Extending** [174, 614]. **extensions** [478, 888, 24, 31]. **extensive** [669]. **extra** [951, 803, 716, 360, 693]. **extremal** [421]. **Extreme** [993]. **facilitated** [149]. **Facility** [1075, 867, 36]. **factor** [134, 528, 313, 1073]. **factor-** [528]. **factorisations** [718]. **Factorization** [816, 83, 688, 1065, 869]. **factors** [1097, 1067]. **failures** [319, 540]. **fair** [543, 27, 34, 25]. **fairly** [351]. **falling** [809]. **false** [871]. **false-twin-free** [871]. **family** [85, 122]. **Fan** [302]. **Fan-planarity** [302]. **Fast** [269, 1070, 688, 1086, 574, 887, 17, 774, 1063]. **Faster** [1065, 906, 199]. **Fault** [211, 226, 92, 26, 299, 318, 806, 617]. **fault-tolerant** [92, 26, 318, 806]. **faults** [561, 813, 470]. **faulty** [578, 622, 808, 57, 806]. **Feasibility** [168]. **feature** [884]. **features** [936]. **feedback** [947, 172, 632]. **few** [298, 290]. **Fibonacci** [882, 1076, 356]. **Fibonacci-automatic** [1076]. **Field** [816, 840]. **fields** [836, 1090]. **filling** [109, 175]. **find** [579]. **Finding** [41, 872, 905, 757, 198, 235, 209, 869, 309, 516, 337, 630]. **finds** [12]. **Finite** [726, 189, 813, 480, 77, 982, 199, 1090, 764, 328, 105, 648, 668, 330]. **Finite-state** [726]. **finite-valued** [480]. **fire** [362]. **Firefighter** [677]. **First** [403, 788, 478, 71, 1052].

**first-order** [788, 478, 1052]. **fission** [563].  
**Fit** [403, 920]. **fit-preserving** [920]. **Fixed** [109, 172, 232, 153, 145, 386, 154].  
**Fixed-parameter** [109, 172, 386].  
**fixed-point** [154]. **FL** [820]. **Flat** [765].  
**flipping** [588]. **flood** [175]. **flood-filling** [175]. **floorplans** [541]. **flow** [626, 821, 228].  
**flow-time** [626]. **flowchart** [661]. **flows** [201, 242, 195]. **flowshop** [1089]. **fly** [727].  
**fly-automata** [727]. **FM** [894]. **FM-index** [894]. **folded** [170, 299, 470, 808, 360, 693].  
**fonts** [272]. **food** [579]. **forbidden** [915, 232]. **forcing** [450]. **forest** [54].  
**Foreword** [1116, 1056, 988, 731, 158].  
**Forewords** [1042]. **form** [726, 628, 289].  
**Formal** [77, 640, 331]. **formalization** [477].  
**formation** [316]. **formula** [968]. **formulas** [1122, 1127, 1117, 662]. **Forward** [875].  
**Foundations** [825, 931]. **Four** [1062].  
**Four-Russians** [1062]. **Fourier** [1033].  
**FPT** [1084]. **FPTAS** [1089]. **fractals** [293].  
**fractional** [657]. **fragment** [405, 644].  
**fragmentable** [464]. **fragments** [481].  
**frame** [1078]. **framework** [706, 383, 822, 347, 101, 411]. **Frameworks** [504, 542]. **Free** [441, 1095, 1068, 310, 207, 42, 137, 908, 785, 94, 871, 66, 453, 645, 646, 463, 903, 718, 691, 735, 457, 675, 125].  
**freeness** [679]. **frequencies** [11].  
**frequency** [980]. **frequent** [1, 983, 22].  
**Frontiers** [524, 481]. **fuel** [552].  
**fuel-considered** [552]. **Fully** [946, 1059, 948, 250, 116, 387].  
**fully-functional** [1059]. **Fun** [272, 264].  
**function** [522, 2, 1018, 1035, 1026, 724].  
**functional** [1059, 77, 632]. **functions** [494, 256, 1101, 344, 9, 153, 126, 199, 549, 941, 368, 154, 1113, 873, 117]. **Functorial** [1052]. **fundamental** [1118].  
**Fundamentals** [308, 661].

**Gabriel** [396]. **Galaxies** [267]. **game** [40, 147, 65, 1043, 70, 974, 27, 251, 530, 802, 807, 339, 292]. **game-based** [70]. **Games** [590, 933, 274, 979, 958, 752, 934, 269, 70, 58, 686, 623, 175, 982, 826, 230, 210, 113, 466, 669, 388, 171, 205]. **gap** [889, 802]. **gaps** [298, 222, 866]. **gardens** [560]. **Gathering** [653, 52, 709]. **Gaussian** [995]. **gene** [561, 373]. **General** [466, 106, 816, 706, 147, 393, 616, 1126, 204].  
**generalised** [78]. **generalization** [210, 455].  
**generalizations** [65, 454]. **Generalized** [194, 1066, 328, 682, 480, 335, 972, 1092].  
**Generating** [374, 457, 1101, 873].  
**generation** [340]. **generator** [348].  
**generator-enumeration** [348]. **generators** [971, 675, 117]. **Generic** [485, 363, 822, 177].  
**genes** [1064]. **Genetic** [8, 493, 426, 103].  
**genome** [613]. **genomes** [528]. **geodesic** [605, 502]. **geodetic** [908]. **Geographic** [741]. **Geometric** [781, 220]. **Geometry** [773]. **Girard** [660]. **girth** [402]. **Given** [327, 1120, 776, 381, 1063]. **Global** [222, 1046]. **Gong** [913]. **Good** [527, 872, 905, 798]. **goods** [219, 305].  
**grammar** [342, 707, 843]. **grammar-based** [342]. **grammars** [331, 196, 234, 365, 289, 649, 903, 735].  
**Graph** [686, 1042, 327, 212, 654, 44, 1100, 912, 437, 64, 590, 1044, 677, 1082, 362, 420, 657, 527, 775, 1008, 234, 365, 1031, 680, 832, 1037, 619].  
**graph-based** [420]. **graph-bin** [912].  
**Graphical** [204]. **graphs** [96, 131, 413, 40, 162, 147, 1011, 396, 1043, 438, 269, 702, 107, 865, 207, 4, 473, 311, 352, 603, 315, 695, 436, 243, 134, 399, 501, 1002, 868, 194, 861, 908, 135, 977, 952, 723, 94, 51, 161, 815, 910, 743, 624, 871, 610, 402, 517, 951, 616, 803, 39, 814, 291, 790, 471, 681, 950, 744, 174, 498, 1126, 129, 111, 463, 976, 1045, 329, 716, 121, 846, 676, 531, 146, 847, 712, 520, 595, 797, 388, 345, 916, 572, 972, 133, 1000, 270, 812, 1014, 32, 614, 95]. **Gray** [701, 340]. **greatest** [728]. **greedy** [652, 462, 36]. **Green** [201]. **grid** [248, 542, 744, 1014]. **grid-like** [1014]. **grids**

[52, 653, 633, 84]. **Gröbner** [148]. **Group** [336, 435, 333, 348, 32]. **groups** [198, 129]. **Growth** [620, 428]. **guarantees** [380, 47]. **guarded** [71]. **guarding** [386]. **guards** [651]. **Guest** [650, 575, 241, 988, 731, 158]. **guide** [267].

**halfspaces** [991]. **Hamiltonian** [471, 744]. **Hamiltonicity** [57]. **Hamming** [886]. **Hankel** [24]. **Hanoi** [619]. **hard** [274, 757, 380]. **harder** [395]. **Hardness** [265, 146, 697, 175, 3, 67, 433, 229, 631]. **hash** [1035]. **having** [4, 473, 723]. **heap** [822]. **height** [1020]. **heights** [634]. **Herbrand** [788]. **Hereditary** [872]. **Heterogeneous** [867, 577]. **heuristic** [961]. **Hierarchical** [723, 1009, 840, 481, 519, 691, 617]. **hierarchies** [953, 962]. **hierarchy** [391]. **high** [566]. **higher** [396, 824, 786, 365]. **higher-dimensional** [824]. **higher-order** [396, 786, 365]. **highly** [739]. **hijacking** [444]. **history** [691, 488]. **history-dependent** [488]. **history-free** [691]. **Hitting** [108]. **Hoare** [486, 666]. **HOAS** [508]. **hoc** [665, 253, 544, 655]. **hold** [447]. **holes** [501, 542, 218]. **holonomic** [1101]. **Holub** [460]. **homomorphic** [849, 602, 913]. **homomorphism** [402]. **homomorphisms** [315]. **homophyly** [357]. **honor** [878]. **hop** [690]. **Horn** [1122, 1127, 168, 1117]. **host** [578, 147]. **Howard** [788]. **hub** [121]. **hull** [908]. **human** [566]. **hybrid** [280, 1009, 762, 830, 927, 152, 374]. **Hydras** [1126, 1127]. **Hyper** [190]. **Hyper-optimization** [190]. **hyperbolic** [902]. **hypercube** [389, 1007, 847, 712]. **hypercube-like** [847, 712]. **hypercube-variant** [1007]. **hypercubes** [299, 470, 808, 852, 5, 1003, 806, 360, 693, 914]. **hyperexcitable** [841]. **hypergraph** [1119]. **hypergraphs** [1118, 401, 688, 210, 286, 630, 345, 1127]. **Hypersequent** [1054]. **hypervolume** [10]. **I/O** [162]. **IC** [865]. **IC-planar** [865]. **Ideal** [1021]. **identical** [439, 237, 754, 529]. **Identification** [108, 613, 282]. **identifiers** [657]. **identifying** [790]. **identity** [1006, 691, 587]. **identity-based** [1006, 691, 587]. **II** [905, 1076]. **image** [594]. **Imagery** [773]. **images** [970, 567]. **impact** [800]. **impartial** [113]. **Implementation** [184]. **implementations** [721]. **implications** [1117]. **Implicit** [255]. **importance** [128, 985]. **imprimitivity** [460]. **Improved** [578, 547, 439, 1087, 546, 551, 123, 1084, 318, 289, 493, 385, 1029, 300, 446, 940, 924, 117]. **improvement** [938]. **Improvements** [749]. **Improving** [58, 717]. **Inapproximability** [437, 51]. **Incidence** [5, 1003]. **inclusion** [391]. **increase** [915]. **incremental** [261]. **independence** [481]. **Independent** [21, 291, 1062, 1007]. **Indeterminate** [436]. **index** [893, 894, 894]. **indexes** [363]. **Indexing** [970, 891, 229, 1060]. **indicator** [10]. **individual** [537]. **indivisible** [305]. **Induced** [500, 910, 516, 868, 294, 781, 673, 72, 462, 39]. **inductive** [734, 989]. **Inefficiency** [530]. **inequality** [1073]. **infection** [605]. **inference** [301, 734, 989]. **Inferring** [429]. **infinite** [971, 1045, 455, 377]. **Influence** [245, 268]. **Information** [650, 575, 241, 475, 408, 821, 672, 839]. **informational** [509]. **Input** [719, 235, 189, 91, 1104]. **Input-driven** [719, 189, 91, 1104]. **inputs** [666]. **insights** [923]. **instance** [347]. **instance-dependent** [347]. **instances** [850, 9, 3, 67]. **Integer** [1010, 816, 777, 235, 199, 948]. **integers** [728]. **integral** [532]. **integrality** [802]. **Integrated** [60, 139, 73]. **integrated-time** [73]. **intensional** [405]. **Intensity** [525]. **Intensity-Modulated** [525]. **interaction** [659]. **Interactions** [277]. **Interactive**

[105, 935, 347, 946]. **interchange** [606]. **interconnected** [428]. **interconnection** [902]. **interface** [406]. **Interfaces** [928]. **interference** [52, 118]. **interiors** [647]. **intermediate** [1087, 218]. **interpolation** [71]. **interpretation** [257, 180]. **interpretations** [258]. **Intersection** [879]. **intersections** [964, 209]. **interval** [975, 107, 350, 80, 590, 37, 39, 680]. **intervals** [629]. **Introduction** [1118]. **intuitionistic** [76]. **invariant** [844, 148]. **invariants** [374]. **inverse** [915]. **inversion** [641, 334, 968, 1064]. **inversions** [166]. **Investigating** [768]. **ion** [427]. **irreducible** [1071]. **irreducibles** [1120]. **irreversible** [391]. **isometric** [38]. **isomorphism** [312, 500, 348, 39]. **Issue** [504, 14, 284, 650, 878, 625, 1042, 241]. **items** [1, 983, 22, 464, 141]. **iterated** [134]. **iteration** [45]. **iterative** [1035].

**jigsaw** [265]. **job** [1005, 703, 236, 47]. **jobs** [439, 122, 228, 206]. **joy** [1117]. **Jumbled** [1060]. **jump** [280]. **Jumping** [1047]. **justifications** [482].

**Kannan** [749]. **Kayles** [33]. **kernel** [947, 1084]. **Kernelization** [705, 534, 1083]. **kernels** [44]. **key** [817, 1034, 25, 138]. **keys** [200]. **KHL** [459]. **kidney** [300]. **Killing** [490]. **Kinetic** [901]. **knapsack** [626, 86, 948, 48, 597, 385]. **Kolmogorov** [549]. **Kripke** [156]. **Kuhn** [717].

**L** [952, 744]. **L-shaped** [744]. **L-shapes** [952]. **label** [490, 980]. **Labeled** [977, 631, 43, 270]. **labeling** [911]. **Lambda** [191]. **Lambda-confluence** [191]. **Language** [1123, 452, 475, 751, 780, 306]. **Language-theoretic** [452]. **languages** [992, 1099, 1020, 1101, 604, 42, 137, 1028, 1106, 822, 785, 733, 962, 496, 645, 990, 188, 646, 647, 334, 1111, 719, 1104, 1021, 675, 661, 565]. **Laplacian** [1079]. **large** [757, 209, 402]. **larger** [1032]. **largest** [309]. **latency** [118]. **lateness** [122]. **Lattice** [849, 777, 422]. **Lattice-based** [849]. **lattices** [1120, 1125, 882, 668]. **law** [51, 972]. **lazy** [975]. **LBAs** [885]. **LCP** [1071]. **LCSk** [880]. **leader** [748, 19]. **leaf** [797]. **leakage** [408, 138]. **learnability** [735]. **Learning** [991, 992, 1122, 430, 844, 737, 733, 937, 990, 570]. **Least** [728, 842, 623, 723, 1086]. **least-core** [623]. **Left** [646]. **leftmost** [869]. **lemma** [1069]. **Lemmings** [273]. **length** [476, 1060, 248, 394, 776, 349, 1030, 954, 980]. **length-weighted** [349]. **Lessons** [580]. **level** [128, 36]. **leverage** [1086]. **lexicographical** [340]. **liar** [146]. **lies** [299]. **lights** [596, 210]. **lights-out** [210]. **like** [480, 466, 704, 847, 712, 922, 924, 771, 1014]. **Limit** [761, 204]. **limited** [1018, 194]. **line** [499, 115, 901, 713, 499]. **Linear** [303, 1061, 613, 895, 18, 443, 223, 460, 405, 259, 1025, 137, 53, 899, 260, 9, 910, 814, 63, 794, 206, 950, 329, 719, 152, 795, 374, 818, 584]. **Linear-size** [895, 1025]. **linear-space** [63]. **Linear-time** [1061, 613, 443, 460, 329]. **linear/submodular** [818]. **Linearizing** [476]. **linearly** [849]. **link** [198, 370, 601]. **LinUCB** [942]. **Lipschitz** [78]. **lists** [312]. **liveness** [927]. **Load** [752, 519]. **loading** [419]. **Local** [521, 1108, 222, 642, 657, 497, 324, 954, 12, 1088]. **Locality** [747, 392]. **Locality-preserving** [392]. **Locally** [315, 848, 694, 1104]. **Location** [1075, 287, 513, 867, 36, 539]. **Löf** [285, 1016]. **logarithmic** [262]. **logic** [823, 685, 788, 405, 479, 727, 876, 71, 509, 80, 628, 644, 373, 668, 177, 931, 482, 411, 106, 430, 666, 636, 475]. **Logical** [504, 1099, 669]. **logics** [480, 369, 1054, 370]. **long** [868]. **Longest** [888]. **Look** [700]. **Look-ahead** [700]. **lookup** [1062]. **loosely** [663]. **Low** [220, 652, 737, 747, 11]. **low-stretch** [652]. **Lower** [868, 1044, 764, 850, 652, 224, 871, 446].

**LSFA** [504]. **Lunch** [441]. **Lyndon** [1067, 1065]. **LZ78** [1065].

**machine** [124, 679, 60, 122, 228, 206, 703, 959, 123, 529, 236, 530, 139, 140]. **machines** [431, 477, 958, 787, 1005, 237, 754, 418, 440, 961, 805, 228, 703, 56, 411, 763, 106, 713, 205]. **macro** [931]. **macro-step-based** [931]. **made** [948]. **magic** [546]. **Magnifying** [866]. **Mainly** [1117]. **maintaining** [22]. **majority** [521, 969, 592]. **make** [395, 62]. **makespan** [122, 139]. **malicious** [633]. **mammalian** [843]. **management** [380, 297]. **manifolds** [737]. **manipulation** [705, 756]. **many** [579, 847, 712, 717]. **many-to-many** [847, 712]. **map** [989, 911, 684]. **mapping** [1022, 957]. **mappings** [72]. **MapReduce** [580]. **maps** [701, 78]. **Mark** [807]. **markers** [805]. **Markov** [836, 150, 993, 379, 662]. **Markovian** [73]. **MARLEDA** [836]. **Martin** [285, 1016]. **Martin-Löf** [1016]. **mass** [413, 920]. **mass-action** [920]. **Mastermind** [395]. **match** [62]. **Matching** [170, 879, 298, 338, 593, 881, 695, 623, 892, 1077, 860, 187, 884, 893, 1066, 533, 609]. **Matchings** [396, 201, 1015, 294, 747, 462, 125]. **Mathematical** [566]. **matrices** [1098, 781, 227]. **matrix** [1020, 525, 589, 452, 1031, 968]. **matrix-merging** [525]. **matroid** [915]. **matroids** [305, 422]. **matters** [10]. **max** [147, 681, 1029, 680, 1088]. **Max-Batching** [680]. **max-distance** [147]. **maximal** [890, 1068, 1097, 1002, 776, 848, 676, 722, 765, 601]. **maximal-exponent** [1097]. **maximization** [811, 383, 1078]. **maximizing** [10]. **Maximum** [294, 981, 747, 605, 1022, 957, 54, 237, 754, 122, 608, 291, 956, 462, 797, 713, 533, 1091]. **maximum-duo** [1022, 957]. **may** [1046]. **MCTS** [938]. **MCTS-based** [938]. **me** [271]. **mean** [840, 572]. **Means** [288, 850]. **measure** [880, 335]. **measures** [886, 296, 1016, 798, 693]. **mechanism** [300, 400, 1040, 1026]. **mechanisms** [407, 50, 11]. **Mechanizing** [508]. **median** [801, 235, 472]. **meet** [1125]. **membership** [991, 962]. **Membrane** [563, 417]. **membranes** [102]. **memory** [235, 239, 745, 395]. **Memoryless** [31]. **merging** [525, 906]. **Message** [114, 247, 246, 655]. **meta** [770]. **metamorphism** [180]. **method** [507, 964, 567, 415]. **Methods** [425]. **metric** [472, 80, 738, 814, 614]. **micro** [931]. **micro-** [931]. **microarray** [567]. **might** [395]. **migrating** [925]. **migration** [752]. **Min** [681, 589, 1029, 637]. **Min-max** [681, 1029]. **min-sum** [589]. **Minimal** [562, 967, 890, 975, 64, 401, 815, 358, 228, 1079]. **minimal-interval** [975]. **Minimax** [287]. **minimization** [456, 238, 597]. **minimize** [248, 237, 754, 122, 139, 713]. **Minimizing** [626, 537, 532]. **Minimum** [972, 495, 162, 65, 394, 882, 627, 618, 399, 743, 1057, 3, 67, 323, 696, 324, 118, 164, 133, 1091, 1029, 361]. **Mining** [1037, 722]. **minmax** [547]. **Misère** [388]. **mismatch** [879]. **mismatches** [892]. **missing** [614]. **Mitigating** [930]. **mixture** [285]. **mobile** [612, 576, 501, 596, 577, 110, 709]. **Modal** [928, 479, 76, 1054]. **modalities** [876]. **mode** [220]. **Model** [427, 668, 767, 426, 156, 875, 849, 628, 1, 983, 770, 566, 985, 118, 59, 716, 900, 226, 746, 25, 387, 1085, 666, 655, 636]. **Model-order** [427]. **modeled** [561]. **modeling** [851]. **Modelling** [766, 762, 562]. **Models** [284, 665, 278, 259, 912, 428, 108, 488, 430, 662]. **Modification** [940, 1031]. **modified** [419]. **Modular** [831, 210, 149]. **Modulated** [525]. **Molecular** [830, 431]. **molecules** [944]. **monadic** [727, 486]. **monads** [485, 486]. **money** [867]. **monochromatic** [467]. **monoids** [452]. **monophonic** [605]. **monotone** [1027, 286]. **monotonic** [153, 37]. **Monte** [937, 940, 941, 942]. **Monte-Carlo**

- [940, 941]. **morphic** [907, 460]. **morphisms** [689]. **morphogenesis** [838]. **Morse** [355]. **move** [936]. **movement** [1011]. **moves** [292]. **moving** [949]. **MSO** [369]. **MSVL** [1026]. **MTL** [478]. **mu** [76]. **mu-calculus** [76]. **Multi** [839, 261, 477, 1050, 690, 397, 546, 297, 195, 114, 585, 141]. **multi-** [585]. **multi-broadcast** [114]. **multi-channel** [690]. **multi-coloring** [397]. **multi-domain** [261]. **multi-path** [195]. **Multi-periodic** [839]. **multi-queue** [297]. **multi-stack** [1050]. **multi-tape** [477]. **multi-type** [141]. **multi-user** [546]. **MultiAspect** [1000]. **multicolorings** [531]. **multifurcating** [54]. **Multigames** [487]. **multigraphs** [591]. **multigrid** [954]. **multimatroids** [561]. **multioperator** [370]. **multipartite** [134]. **Multipass** [435]. **Multiphase** [662]. **Multiple** [513, 253, 219, 739, 753, 903, 1038, 655, 584]. **multiple-choice** [1038]. **multiple-message** [655]. **multiplicity** [653]. **multiprocessor** [811]. **multithreaded** [1062]. **Munkr** [717]. **Mutation** [770].
- NAE** [1088]. **NAE-** [1088]. **naming** [250]. **Natural** [98, 788, 257, 296, 1016]. **Near** [533]. **nearest** [381, 45, 571, 336]. **nearest-neighbor** [336]. **Nearly** [1027]. **negative** [643, 539]. **neighbor** [595, 571, 336, 916, 798]. **neighbourhood** [570]. **nested** [1096, 192]. **net** [415]. **nets** [505, 417]. **network** [665, 147, 16, 58, 1078, 831, 316, 968]. **Networking** [14]. **networks** [163, 248, 198, 547, 813, 428, 690, 268, 762, 902, 26, 224, 577, 325, 748, 656, 108, 564, 544, 245, 800, 592, 920, 1077, 545, 242, 287, 513, 860, 373, 313, 1019, 585, 570, 1007, 906, 232, 217, 841, 540, 571, 226, 430, 598, 655, 798, 357, 125, 617, 59]. **neural** [766, 762, 99, 771, 968, 839]. **neurons** [841]. **neuropelation** [840]. **Neutral** [1107, 923]. **Next** [371, 1032]. **Next-preserving** [371]. **next/previous** [1032]. **NFAs** [648]. **NIC** [347]. **Nim** [960]. **Nintendo** [274]. **NLC** [699]. **NLC-width** [699]. **No** [441, 265, 345]. **No-Free-Lunch** [441]. **Node** [234, 1001, 171]. **nodes** [758, 57]. **noisy** [494, 710, 774]. **Non** [212, 1074, 1098, 341, 334, 244, 954, 649, 319, 317, 166, 965, 239, 153, 86, 347, 285, 946, 374, 817, 1035, 1064]. **non-** [285]. **Non-adaptive** [341]. **Non-additive** [244]. **non-constant** [239]. **Non-deterministic** [212]. **non-dynamic** [817]. **Non-expandable** [1074]. **non-interactive** [347, 946]. **non-iterative** [1035]. **non-linear** [374]. **Non-local** [954]. **non-monotonic** [153]. **Non-overlapping** [1098, 334, 1074, 166, 1064]. **Non-recursive** [649]. **non-renewable** [86]. **non-strict** [317]. **non-uniform** [319, 965]. **nonadaptive** [472]. **Nonconvex** [266]. **nondeterminism** [648]. **Nondeterministic** [928, 442, 489]. **nonequivalent** [981]. **nonmonotone** [252]. **nonnesting** [340]. **Nonparametric** [739]. **nonsimultaneous** [703]. **nonstandard** [981]. **normal** [726, 778, 289]. **normalization** [788]. **note** [66, 118, 916, 459]. **notion** [660]. **Notions** [215, 821, 715]. **NP** [218, 433]. **NP-hardness** [433]. **NP-intermediate** [218]. **nucleolus** [623]. **Number** [816, 96, 654, 1036, 971, 222, 257, 4, 473, 64, 194, 908, 776, 800, 871, 610, 981, 553, 121, 943, 1014, 619]. **numbers** [1010, 328]. **Numerical** [925, 924]. **O** [162]. **object** [822]. **object-oriented** [822]. **objectives** [150]. **objects** [775]. **oblivious** [247, 110, 532]. **observant** [961]. **Observational** [181]. **observations** [1084]. **Obtaining** [517]. **occurrences** [889]. **octagonal** [414]. **octant** [777]. **odd** [420, 873]. **odd-even** [873]. **offensive** [223]. **Offline** [398]. **offs** [313, 649]. **oligopolistic** [124]. **omega** [992]. **on-board** [26]. **once**

[813]. **One** [469, 32, 742, 479, 344, 343, 606, 515, 446, 863, 289, 292, 117]. **one-agent** [479]. **one-cop-moves** [292]. **One-dimensional** [469, 343, 446]. **one-sided** [606, 289]. **One-to-one** [32]. **one-way** [742, 344, 515, 117]. **Online** [319, 380, 397, 252, 468, 597, 445, 713, 141, 140, 359, 994, 1005, 550, 1044, 937, 48, 959, 446, 1078, 354, 519, 533]. **only** [235]. **open** [296, 1016]. **Operational** [648]. **operations** [777, 641, 686, 349, 782]. **operator** [134, 1121]. **opinion** [982]. **optima** [12]. **Optimal** [742, 159, 537, 633, 1112, 571, 115, 337, 219, 72, 1027, 63, 246, 533, 292]. **Optimally** [542, 975]. **optimisation** [11]. **Optimistic** [25, 34]. **optimization** [994, 494, 710, 923, 122, 89, 13, 190, 101, 12, 924, 419]. **optimizations** [415]. **Optimizing** [801, 9, 275, 56]. **option** [244]. **oracle** [341, 602]. **oracles** [997, 200, 35]. **orbits** [77]. **Order** [891, 736, 892, 788, 256, 478, 396, 727, 71, 1058, 1052, 546, 485, 427, 786, 365, 233, 379]. **Order-preserving** [891, 892]. **order-theoretic** [256]. **Ordered** [1050, 1120, 378, 720, 559, 228]. **ordering** [606]. **orders** [476, 870, 794, 584]. **ordinary** [429]. **Ore** [358]. **organizing** [242]. **orientation** [96, 898]. **orientations** [125]. **oriented** [822, 402]. **otter** [961]. **outerplanar** [1002]. **outlier** [79]. **output** [778]. **output-sensitive** [778]. **outsourcing** [29]. **Overdetermined** [45]. **overlapping** [1074, 1098, 393, 166, 334, 1064]. **overlay** [3, 67]. **OWA** [89]. **P** [99, 765, 102, 763, 771]. **packet** [633]. **packing** [398, 912, 550, 909, 464, 55, 802, 445, 392, 978]. **packings** [966, 1036, 194]. **PageRank** [17]. **paging** [107]. **pair** [1034]. **Paired** [622, 847, 329]. **paired-domination** [329]. **pairings** [29]. **pairwise** [726, 4, 473]. **palindrome** [1068]. **palindrome-free** [1068]. **palindromes** [66]. **Palindromic** [780]. **pancake** [226]. **pancakes** [588]. **Pancyclicity** [470, 808]. **papers** [504]. **Parallel** [990, 319, 439, 1089, 986, 418, 703, 314, 529, 667, 56, 573]. **parallelism** [765]. **parameter** [109, 172, 386]. **Parameterized** [665, 751, 1022, 957, 516, 54, 755, 434, 1001, 538, 1124, 382, 978, 548, 120, 593, 403, 82, 169, 551, 631, 534]. **parameters** [437, 218, 46, 697, 117]. **Parametric** [80]. **parentage** [203]. **Pareto** [122]. **paribus** [1124]. **Parikh** [227]. **parity** [686, 172]. **Parry** [93]. **parsable** [1104]. **parsimony** [956]. **Partial** [733, 367, 709, 621, 185, 174, 915, 233]. **partially** [720, 1112]. **Particle** [12, 419]. **Partition** [1083, 635]. **Partitioned** [165]. **partitioning** [543]. **partitions** [872, 905, 340, 624]. **partners** [194]. **path** [248, 547, 622, 997, 287, 513, 195, 13, 422, 1039, 847, 712, 598, 1091, 32, 980]. **path-reporting** [997]. **paths** [198, 502, 868, 467, 910, 744, 129, 782, 160, 534, 539]. **pathways** [282]. **Patricia** [634]. **Pattern** [840, 338, 593, 781, 892, 1066, 722]. **Pattern-based** [840]. **patterns** [500, 132, 841]. **payment** [50]. **payoffs** [47]. **PCF** [259]. **PCGs** [135]. **PDAs** [885]. **penalties** [818]. **Penalty** [529]. **FPT** [599]. **previous** [1032]. **submodular** [818]. **perfect** [1100, 723, 125]. **Performance** [47, 101]. **period** [906]. **periodic** [578, 839]. **Periodicity** [450, 214, 1066, 1069]. **periods** [1063]. **permutahedron** [994]. **permutation** [590, 451, 39, 704, 584]. **permutations** [859, 461]. **Permuted** [881]. **persistent** [1100]. **personalized** [52]. **perspective** [607]. **perturbation** [747]. **pessimistic** [616]. **Pete** [682]. **Petersen** [170]. **Petri** [417]. **Pfaffian** [125]. **phase** [840]. **phylogenetic** [956, 584]. **phylogeny** [1100]. **physical** [118]. **pictures** [1074]. **piecewise** [795]. **pigeonhole** [173]. **Pike** [682]. **pile** [960]. **pivot** [676]. **pixels** [776].

**placement** [324]. **Planar** [362, 131, 701, 1036, 947, 865, 207, 868, 402, 950, 520, 152, 595, 797, 916, 812, 95]. **planarity** [128, 120, 302, 607]. **plane** [197, 952, 778, 336]. **planes** [780]. **plausible** [482]. **play** [230]. **played** [388]. **Player** [113]. **players** [124, 113]. **playing** [938]. **Playout** [936]. **playouts** [937]. **PMC** [59]. **point** [1036, 153, 161, 145, 739, 154, 232]. **points** [801, 692, 901]. **policies** [937]. **policy** [936]. **politician** [275]. **polygonal** [164]. **polygons** [543]. **Polymerization** [944]. **Polynomial** [463, 507, 686, 1, 983, 258, 1082, 199, 948, 381, 1090, 422, 793]. **polynomial-time** [686]. **polyominoes** [783]. **polytime** [256]. **polytrees** [337]. **Population** [10]. **posets** [155]. **Positive** [643, 735, 539]. **positivity** [615]. **possible** [705]. **Post** [138, 451]. **Post-challenge** [138]. **postal** [746]. **Postfix** [61]. **potential** [930]. **potentialities** [507]. **Power** [335, 79, 380, 792, 51, 118, 454, 540, 411, 532, 922, 572, 972]. **powerful** [223]. **powers** [857]. **Practical** [387]. **practice** [599]. **preclusion** [170, 695, 860]. **precondition** [485]. **predecessor** [49]. **predecessor-existence** [49]. **Preemptive** [237]. **Preface** [284, 484, 568, 773, 1094, 512, 829, 835, 1081, 536]. **preferences** [1124]. **Prefix** [646, 1061, 461, 436, 862, 349]. **Prefix-free** [646]. **Presentation** [464]. **preservation** [1022, 957]. **preserve** [72]. **preserving** [891, 892, 920, 203, 392, 1037, 371]. **prevention** [566]. **price** [679, 58]. **pricing** [141]. **prima** [777]. **Primal** [36, 252, 818]. **Primal-dual** [36, 252, 818]. **primitive** [777, 368]. **principle** [842, 173]. **priorities** [564]. **Privacy** [203, 407]. **Privacy-preserving** [203]. **private** [737]. **Probabilistic** [249, 735, 301, 562, 1043, 481, 250, 1092]. **probe** [111]. **probing** [55]. **problem** [312, 569, 495, 1022, 957, 162, 607, 438, 974, 350, 383, 92, 343, 627, 606, 326, 965, 399, 325, 1089, 447, 1, 983, 677, 589, 37, 271, 597, 434, 287, 228, 609, 529, 915, 21, 631, 519, 49, 146, 385, 797, 47, 160, 419, 133, 1038, 36, 635, 361, 359, 980, 637, 717, 28, 23, 576, 451]. **problems** [548, 163, 165, 120, 1009, 1011, 435, 603, 618, 170, 705, 678, 86, 48, 513, 452, 790, 218, 172, 551, 538, 89, 229, 55, 1084, 13, 149, 846, 1039, 520, 445, 552, 392, 1091, 818, 756, 1029, 978, 1042, 1075]. **procedure** [628, 785]. **procedures** [823, 250]. **process** [73, 762, 108]. **processes** [685, 150, 671, 993, 995, 663, 49]. **processing** [236, 519, 140]. **product** [603, 589, 83, 518, 291]. **production** [60, 139]. **products** [688]. **profinite** [1113]. **Program** [260, 938, 939, 181]. **programmability** [341]. **programmer** [368]. **programming** [822, 510, 903, 1092]. **programs** [726, 643, 258, 182, 87, 729]. **Progressive** [939]. **projection** [628, 636]. **proliferation** [563]. **promoters** [765, 922]. **Proof** [505, 853, 921]. **proofs** [478, 173, 643, 105]. **Proper** [898, 610, 553, 128, 96, 39]. **properly** [467]. **Properties** [302, 872, 905, 278, 421, 781, 496, 471, 681, 218, 883, 189, 804, 180, 735, 93, 565]. **property** [883, 286]. **proportional** [116]. **propositional** [173, 628, 1054, 481, 636]. **protected** [758]. **protects** [724]. **protocols** [665, 408, 215, 753]. **Provably** [900, 1035, 387]. **proxy** [1006, 900]. **pruning** [406]. **Pseudorandom** [675, 117, 971]. **PSPACE** [1048, 592, 682, 273]. **PSPACE-complete** [1048, 682, 273]. **PSPACE-completeness** [592]. **PTAS** [23, 133]. **Ptolemaic** [463]. **public** [200, 817, 1034, 138]. **public-key** [817, 138]. **pullback** [367]. **pumpable** [604]. **pure** [1117]. **purely** [763]. **Pursuit** [1045]. **pushdown** [186, 1050, 91, 856]. **puzzles** [265]. **PV** [729]. **PV-programs** [729]. **pyramid** [57].

**QBF** [178]. **QoS** [297]. **Quad** [706]. **Quad-** [706]. **quadraginta** [777]. **quadratic** [960, 87]. **quadtree** [776]. **Qualitative** [373]. **Quantified** [720]. **quantifiers** [71]. **Quantifying** [408, 1028]. **quantiles** [545]. **Quantum** [630, 721, 420, 764, 1086, 105, 411]. **quasi** [476, 36]. **quasi-greedy** [36]. **quasi-orders** [476]. **quasicontinuous** [372, 155]. **Quasipolynomial** [173]. **Quell** [353]. **queries** [991, 1122, 720, 882, 608, 63, 1032, 586, 571, 336]. **Query** [1123, 678, 192, 220, 1057, 632]. **Query-competitive** [678]. **querying** [970]. **queue** [297, 189]. **quotient** [646].

**R** [499]. **R-LINE** [499]. **radio** [52, 690, 570]. **radius** [269, 1079]. **rainbow** [1002, 361]. **raised** [946]. **Random** [296, 836, 1012, 341, 758, 602, 610, 210, 113, 498, 200, 217, 84, 1016, 35, 972, 465]. **randomization** [407]. **Randomized** [48, 532, 499, 408, 1017, 19, 361]. **randomness** [858]. **Range** [586, 882, 220, 969, 608, 545, 1057, 1032]. **rank** [303, 747, 1031]. **rank-width** [303]. **Ranking** [870]. **Rate** [1018, 428, 620, 418]. **Rate-limited** [1018]. **rational** [496, 1111]. **ratios** [291]. **Rauzy** [293]. **Raw** [741]. **re** [1006]. **re-encryption** [1006]. **Reachability** [210, 70, 564, 826]. **reachability-time** [826]. **Reaction** [421, 413, 767, 768, 560, 429, 920, 831, 412]. **read** [813, 235]. **read-once** [813]. **read-only** [235]. **Real** [257, 269, 380, 328, 931]. **real-time** [380, 931]. **real-world** [269]. **Realizability** [259]. **really}** [707]. **reals** [296, 1016]. **reasoning** [481]. **rebalancing** [752]. **reciprocal** [528]. **recognition** [748, 463]. **recognize** [976]. **Recognizing** [865, 111]. **recoloring** [467]. **Recombination** [561]. **recommendations** [732]. **recompression** [342]. **reconciliation** [742]. **reconfiguration** [897, 999]. **Reconstruction** [783]. **rectangle** [1036]. **rectilinear** [1030]. **recurrence** [210]. **recursion** [488]. **recursive** [823, 787, 1019, 368, 649, 57]. **recursively** [733, 673]. **reduce** [599]. **Reducibilities** [673]. **reducibility** [660]. **Reducing** [1031]. **Reduction** [956, 742, 738, 427, 168, 715]. **Reductions** [86, 1112]. **Reeb** [775]. **Rees** [1020]. **Refined** [676, 880]. **refinement** [479, 69, 785, 920]. **region** [947]. **regions** [1110]. **register** [763]. **regression** [1086]. **regret** [710, 547, 287]. **regular** [992, 1099, 42, 137, 785, 962, 616, 496, 645, 188, 647, 716, 804, 797, 1021, 117, 565]. **regulating** [940]. **regulatory** [108, 373]. **rejection** [703]. **relabeling** [234]. **Related** [1076]. **Relating** [716]. **relation** [693]. **relations** [660, 673, 862, 1066, 856]. **Relationship** [803, 1020]. **Relative** [107, 943]. **Reliability** [693]. **relocatable** [197]. **remainder** [412]. **removal** [700]. **Rendezvous** [577, 745, 574]. **renewable** [86]. **rental** [244]. **Repackable** [585]. **repair** [501, 632]. **repetends** [724]. **repetitions** [857]. **repetitive** [718]. **replacement** [234]. **replicas** [324]. **Reporting** [889, 363, 997]. **representability** [199]. **representation** [711, 88, 116, 43, 379, 672]. **representations** [844, 394, 923, 590, 952, 126, 174, 1121, 1063, 611]. **Representing** [1010]. **resilience** [378]. **resilient** [239]. **resisting** [1035]. **resolution** [178, 670]. **resolving** [627]. **resource** [261, 246, 318]. **resources** [685, 86]. **respect** [275, 980]. **restarting** [856]. **restrained** [812]. **Restricted** [79, 694, 958, 1009, 418, 1054, 632, 847, 712]. **restrictions** [466, 1030]. **results** [265, 437, 774, 31, 161, 145, 790, 1084, 10, 146, 339]. **retrieval** [578, 863]. **return** [356]. **revenue** [219]. **reversal** [238, 646]. **Reversibility** [786]. **reversible** [721, 49, 106, 661]. **revisited** [144, 21, 873, 967]. **Revisiting** [361]. **Revocable** [691]. **reward** [662]. **rewrite** [660]. **rewriting** [365, 367, 191].

**Riemann** [78]. **right** [899, 646].  
**right-angle** [899]. **Rigorous** [10]. **ring** [507, 27]. **rings** [578, 199, 110, 709]. **risk** [198, 851]. **risk-modeling** [851]. **RNA** [338]. **road** [325]. **robber** [526, 809].  
**robbers** [949, 1047]. **robots** [576, 653, 596, 830, 497, 110]. **Robust** [70].  
**robustness** [278]. **role** [120, 861]. **roots** [1067]. **Rosser** [306]. **Rouen** [1058]. **round** [1077]. **rounding** [87]. **routing** [252, 741, 532, 552]. **RQL** [1123]. **Rule** [1123, 365, 995]. **Rule-based** [365]. **rulers** [266]. **rules** [956, 1054, 365, 588]. **run** [1060].  
**run-length** [1060]. **runs** [1070]. **Runtime** [13, 494, 825, 10]. **runtimes** [9]. **Russians** [1062].

**S** [444]. **S-BGP** [444]. **Safe** [195, 239, 696].  
**SAGBI** [148]. **salesman** [846]. **Sampling** [182, 317, 418, 985, 632, 465]. **sand** [85].  
**SAT** [1088]. **satisfiability** [820, 538, 1092].  
**Satisfying** [584, 848, 1073]. **scaffold** [109].  
**scaffolding** [383]. **Scalable** [690]. **scale** [125]. **scale-free** [125]. **scaled** [881]. **scaling** [811, 433, 354]. **scan** [633]. **Scattered** [966, 794]. **scenario** [366]. **scenario-based** [366]. **Scheduling** [703, 205, 124, 319, 958, 201, 679, 439, 1005, 237, 754, 60, 37, 122, 86, 206, 959, 118, 123, 529, 236, 530, 139, 400, 1039, 445, 47, 713, 140]. **scheme** [521, 550, 602, 203, 948, 900, 572, 459].  
**schemes** [736, 18, 1006, 347, 114, 817, 670].  
**schools** [1015]. **Sci** [1022, 473, 983, 67, 1003]. **Science** [277, 558]. **scores** [1086, 943]. **Search** [953, 965, 492, 940, 942, 943, 1088, 359, 937, 941].  
**search-based** [492]. **Search-space** [953].  
**searcher** [853]. **searches** [492]. **Searching** [115, 1042, 132, 212, 576]. **searchlight** [325].  
**second** [727]. **second-order** [727].  
**secondary** [338]. **secret** [420, 594]. **Secure** [998, 29, 1018, 913, 946, 900, 1035, 1034, 387].  
**securely** [753]. **security** [821, 602, 1006, 459, 715, 1014]. **SEFE** [165].  
**segmentation** [775]. **Segmenting** [567].  
**segregation** [297]. **Selected** [504].  
**selection** [69, 472, 676, 400]. **Self** [248, 242, 324, 796, 358, 696, 110].  
**Self-adjusting** [248]. **Self-organizing** [242].  
**self-stabilization** [110]. **Self-stabilizing** [324, 796, 358, 696]. **sell** [447]. **selling** [219].  
**Semantic** [504]. **semantically** [1034].  
**semantics** [975, 480, 1052, 485, 667, 1124, 832, 75].  
**Semi** [1005, 959, 519, 137, 53, 764].  
**semi-linear** [137, 53]. **Semi-online** [1005, 959, 519]. **semi-quantum** [764].  
**semidistributive** [1125]. **semigroups** [1020]. **semiring** [72]. **semiring-induced** [72]. **sensitive** [665, 778]. **sensitivity** [1051].  
**sensor** [656, 545, 313, 571]. **sensors** [521, 197]. **separability** [785]. **separable** [415]. **separating** [876]. **separation** [823, 269]. **separations** [734]. **Sequence** [886, 879, 222, 522, 356, 1037, 216].  
**Sequences** [1102, 476, 1096, 1076, 24, 704].  
**Sequential** [200, 314, 840, 106]. **serial** [159, 139]. **serializability** [831]. **series** [739]. **server** [499]. **Set** [879, 552, 1036, 569, 742, 692, 947, 627, 340, 678, 51, 999, 291, 172, 21, 1063, 697, 1091, 534]. **sets** [1074, 1120, 970, 156, 394, 720, 964, 64, 53, 1107, 1106, 815, 358, 225, 496, 645, 728, 553, 204, 296, 1016]. **several** [229, 1039].  
**shadows** [1034]. **shaped** [744]. **shapes** [952]. **Shapley** [58]. **shared** [198, 546].  
**shares** [946]. **sharing** [958, 420, 179, 960].  
**Shifts** [1096, 600]. **shop** [228, 1039]. **short** [66, 200, 946, 669]. **Shorter** [442]. **Shortest** [629, 63, 129, 13, 1039]. **shuffles** [453].  
**sibling** [943]. **sided** [331, 606, 289, 533].  
**Sieve** [816]. **sight** [669]. **signaling** [430].  
**signals** [774]. **signature** [900, 1111, 35].  
**signatures** [849, 200, 946, 387, 715]. **Sillke** [1103]. **similar** [894]. **similarity** [886, 880].  
**Simple** [710, 1059, 15, 63, 707, 497, 1084, 493].  
**simplicial** [156, 711]. **simplicity** [919].

**simplified** [986]. **simulating** [763].  
**Simultaneous** [952, 1032]. **Simultaneously** [949]. **Single**  
[206, 236, 690, 60, 959, 123, 116].  
**single-crossing** [116]. **single-hop** [690].  
**Single-machine** [206, 236, 123]. **sink**  
[287, 513]. **sinks** [547]. **SINR** [572, 655].  
**SINR-capacity** [572]. **six** [269]. **size**  
[953, 173, 1025, 618, 895, 723, 764, 10, 587].  
**size-constrained** [618]. **sized** [630]. **sizes**  
[885, 1005, 26]. **skeleton** [83]. **ski** [244].  
**sleep** [433, 354]. **slicing** [1051]. **sliding**  
[443]. **SLP** [1065]. **Small**  
[763, 991, 1025, 99, 906]. **smaller** [44, 1032].  
**smallest** [707]. **smart** [633]. **Smoothed**  
[634]. **snap** [792]. **snap-stabilization** [792].  
**Snowflake** [944]. **social** [245, 242]. **Sofic**  
[600]. **software** [492]. **Solomonoff** [285].  
**Solution** [38, 115, 246, 795, 1092]. **solutions**  
[72, 948, 728, 87]. **solvable** [247, 615].  
**Solving** [1090, 717, 178, 609, 793, 419].  
**Some** [859, 161, 95, 290, 64, 194, 500, 616,  
1084, 1113, 454, 1029]. **sort** [951]. **sorting**  
[461, 528, 349]. **Soundness** [670]. **Space**  
[692, 652, 997, 379, 816, 953, 18, 220, 63, 1062].  
**Space-efficient** [692, 997, 379, 1062].  
**spaces** [729]. **spanners** [211]. **spanning**  
[65, 527, 629, 854, 164, 1007, 797, 619].  
**Sparse** [774, 340]. **spatial** [921]. **Special**  
[650, 878, 625, 504, 241, 14, 284, 1011, 3, 67,  
1042]. **Specializations** [65]. **specialized**  
[522]. **specifications** [366, 331]. **specified**  
[1112]. **spectral** [1079]. **spectrum** [314].  
**speed** [811, 433, 354]. **speed-scaling** [811].  
**sphere** [777]. **spherical** [502]. **spiking**  
[766, 99, 771]. **Spiral** [267]. **splicing** [1106].  
**split** [861, 238, 517, 463, 976, 59]. **Split-Star**  
[59]. **splitting** [250]. **Spread** [268]. **Sprouts**  
[935]. **Square** [453, 546, 66, 457, 23, 1060].  
**Square-free** [453, 66, 457]. **squares**  
[290, 393, 1008, 981, 463, 976, 1086, 142].  
**stability** [288, 58]. **stabilization** [792, 110].  
**stabilizing** [796, 358, 195, 696, 324]. **Stable**  
[1015]. **stack** [1050]. **Stackelberg** [65].  
**stage** [754, 1089]. **Standard**  
[456, 559, 478, 849, 1105, 900, 387, 666]. **star**  
[198, 1020, 695, 951, 59]. **star-height** [1020].  
**stars** [909, 534]. **State** [641, 726, 185, 787,  
1012, 993, 647, 433, 354, 1112, 648]. **states**  
[415]. **static** [281]. **statistic** [1086].  
**statistical** [426, 985]. **Steiner** [1030]. **step**  
[931]. **stepwise** [47]. **Stern** [216].  
**stochastic** [278, 55]. **storage** [1087, 399].  
**story** [321]. **strand** [832]. **Strategies**  
[573, 770, 487]. **strategy** [960, 497]. **stream**  
[825, 258, 22]. **streaming** [1, 983]. **streams**  
[317, 192, 601, 465]. **strength** [770, 938].  
**stretch** [652, 313, 164]. **stretching** [468].  
**strict** [317]. **strictly** [154]. **String**  
[434, 1022, 957, 893, 229, 718]. **strings**  
[1060, 1068, 1061, 30, 166, 436, 334, 62, 894].  
**Strip** [651]. **Strong**  
[695, 656, 860, 788, 134, 83, 59, 1014].  
**strong-factor** [134]. **strongly** [352, 1021].  
**Structural** [575, 650, 241]. **Structure**  
[1008, 852, 490, 549, 316, 611]. **structures**  
[338, 522, 239, 220, 559, 969, 673, 323, 84,  
1037]. **Studies** [330]. **study**  
[599, 490, 401, 77, 1039, 1092]. **Sturmian**  
[456, 857, 330, 216]. **sub** [630].  
**sub-hypergraphs** [630]. **subclass** [1126].  
**subclasses** [438, 174, 812]. **subdivision**  
[41, 345]. **Subexponential** [510, 538].  
**subexponential-time** [538]. **Subgraph**  
[39, 618, 500, 361]. **subgraphs** [757, 516].  
**Sublinear** [19, 472]. **sublinear-time** [472].  
**submodular** [818]. **subnetworks** [232].  
**subset** [172]. **substantially** [500].  
**substring** [890, 63, 1066, 889].  
**substructure** [852]. **subtraction** [225, 807].  
**subtree** [309]. **subtrees** [208]. **subword**  
[1020]. **subwords** [647]. **successive** [159].  
**Successor** [588]. **Succinct** [363, 43, 1059].  
**Succinctness** [1121]. **Sufficient** [564, 95].  
**suffix** [895, 883, 349, 379]. **suffixes** [890].  
**suitable** [1108]. **sum**  
[870, 589, 1071, 595, 916]. **sums** [335]. **sun**  
[463]. **superbubble** [613].

**supercomputing** [16]. **supergrid** [471]. **superwords** [647]. **supply** [1083]. **suprema** [995]. **surely** [12]. **surveillance** [251]. **survey** [1118, 642, 1117]. **Survivors** [1043]. **Swapping** [270]. **swaps** [62]. **swarm** [12, 419]. **switch** [26]. **switches** [297, 1078]. **switching** [280]. **symbolic** [100]. **Symmetric** [506, 224, 803]. **synchronised** [986]. **synchronizability** [1053]. **synchronized** [1028]. **Synchronizing** [689, 1021]. **synchronous** [821]. **Synthesis** [375]. **synthetic** [684]. **System** [278, 45, 488, 636]. **Systems** [425, 640, 417, 766, 280, 413, 767, 562, 768, 1053, 752, 1009, 490, 279, 560, 421, 429, 830, 145, 1090, 335, 741, 927, 99, 921, 191, 765, 152, 795, 374, 931, 412, 377, 102, 922, 763, 168, 771, 672, 615, 925].

**table** [1061, 1062]. **tableaux** [480]. **tables** [1119]. **take** [579]. **tame** [961]. **tape** [477]. **tardy** [228]. **tasks** [79, 319]. **TCS** [322, 321]. **teachers** [1015]. **technique** [642, 818]. **techniques** [468]. **tempering** [418]. **temporal** [278, 80, 628, 373, 846, 921, 931, 636]. **tensor** [518]. **Term** [820, 177]. **Term-generic** [177]. **Termination** [660, 134]. **terms** [660, 232]. **ternary** [584]. **terrains** [386]. **Test** [69, 1017, 203]. **testability** [1108]. **Testing** [565, 333, 199, 492, 460, 1092, 428]. **text** [1065]. **theatregoer** [271]. **their** [721, 131, 257, 1020, 1105, 401, 546]. **theorem** [788, 897, 153, 776, 358, 412]. **theorems** [441, 232]. **Theoret** [1022, 473, 983, 67, 1003]. **theoretic** [256, 452, 335, 921]. **theories** [79, 262]. **Theory** [1042, 659, 308, 154, 1104, 100, 488, 339, 284, 684]. **Therapy** [525]. **thesis** [986]. **theta** [702]. **theta-graphs** [702]. **thin** [780]. **Three** [393, 960, 99, 813, 225, 591, 388]. **three-element** [225]. **Three-pile** [960]. **three-vertex** [591]. **threshold** [249, 623, 1082, 946, 817, 84, 587]. **Throughput** [811, 1078]. **Thue** [355, 230]. **Tight** [850, 612, 776, 871, 702, 224, 403]. **Tighter** [461, 1071]. **Tiling** [23]. **tilings** [414]. **time** [665, 366, 1061, 605, 626, 73, 613, 311, 472, 380, 237, 754, 268, 899, 443, 686, 258, 826, 375, 440, 245, 910, 948, 223, 960, 814, 63, 703, 950, 538, 739, 460, 463, 114, 236, 329, 56, 493, 931, 713, 968, 292]. **time-constrained** [366]. **time-optimal** [63]. **time-sensitive** [665]. **time-varying** [311, 968]. **Timed** [787, 1099, 70, 102]. **times** [754, 519, 140]. **tissue** [922]. **tissue-like** [922]. **tokens** [654, 443, 270]. **tolerance** [226, 617]. **tolerant** [211, 92, 26, 299, 318, 806]. **tomography** [779]. **top** [700]. **top-down** [700]. **topic** [3, 67]. **Topological** [734, 837, 824, 502]. **topologies** [1113]. **Topology** [748]. **torus** [389, 860]. **total** [700, 595, 916]. **Tower** [619]. **trace** [875]. **traces** [69, 1108]. **tracking** [545]. **Tractability** [175, 1022, 957, 172, 1121]. **tractable** [130]. **trade** [313, 649]. **trade-offs** [313, 649]. **tradeoff** [73]. **Trading** [319, 515]. **traffic** [444]. **transducers** [1102, 700]. **transfer** [839]. **Transform** [1058]. **transformation** [365]. **transformations** [791]. **transitions** [840]. **transitive** [369]. **translations** [181]. **translocations** [166, 528]. **transport** [566]. **transpositions** [461]. **transversals** [401]. **trapdoor** [344]. **Traveling** [846, 28]. **treatment** [566]. **Tree** [937, 794, 941, 547, 65, 965, 1107, 700, 126, 323, 950, 883, 940, 190, 942, 668, 797, 370, 534, 539]. **Tree-automatic** [794]. **trees** [303, 212, 312, 706, 888, 711, 54, 1059, 653, 443, 175, 758, 369, 537, 223, 1027, 527, 551, 956, 1126, 1083, 1030, 887, 164, 1007, 746, 43, 379, 208, 1079, 619, 791, 584]. **treewidth** [120, 315, 743]. **triangle** [1073]. **tries** [895, 634]. **Triggering** [352]. **Trimming** [186]. **true** [321]. **truncated** [379]. **Truthful** [144, 50, 1040]. **TSP** [1073]. **Turing** [477, 440, 411]. **turns** [189].

**turnstile** [317]. **Tutte** [422]. **twin** [871].  
**twisted** [694]. **Two** [1095, 331, 882, 754, 400, 462, 1063, 1085, 539, 850, 4, 473, 1005, 166, 1102, 1089, 1006, 566, 228, 244, 1007, 649, 533, 36].  
**two-compartment** [566].  
**Two-dimensional** [1095, 649]. **two-level** [36]. **two-machine** [228]. **two-option** [244].  
**Two-sided** [331, 533]. **Two-stage** [754, 1089]. **two-way** [1102]. **type** [508, 141]. **types** [813]. **typography** [272].  
**UDGs** [696]. **ultimate** [291, 615].  
**Ultrafilters** [644]. **umpire** [28].  
**unambiguous** [91]. **unary** [648].  
**Unavoidable** [1106]. **unaware** [573].  
**unbalanced** [637]. **unbounded** [310, 515, 793, 713]. **uncertain** [89, 586, 469]. **uncertainty** [678].  
**undependable** [16]. **undirected** [162, 436, 58]. **unexpected** [959].  
**unidirectional** [866, 709]. **unified** [381, 976]. **Uniform** [478, 319, 394, 907, 1005, 965, 71, 689, 286, 118, 110, 205].  
**uniformly** [1113]. **union** [465]. **Unique** [667, 671, 657, 63]. **unit** [144, 446, 133].  
**unit-demand** [144]. **universal** [285, 99].  
**universality** [102]. **unknown** [654, 252].  
**unordered** [869]. **Unpaired** [712].  
**Unraveling** [919]. **unrelated** [124, 958, 703]. **unreliable** [521]. **unsharp** [411]. **unsigned** [528]. **Unsupervised** [844].  
**until** [662]. **Unveiling** [180]. **unweighted** [162, 756]. **Unwinding** [279]. **update** [989].  
**updating** [537]. **Upper** [1033, 461, 868, 1044, 940]. **Upward** [131].  
**user** [546]. **Using** [941, 62, 278, 561, 428, 762, 501, 952, 258, 1051, 203, 427, 893, 422, 567, 1034, 419, 818].  
**valuation** [72, 370]. **valuations** [851].  
**value** [505, 822, 1032, 87]. **valued** [480].  
**values** [447, 1071]. **variable** [163, 26, 228, 492]. **variables** [753, 925].  
**variance** [324]. **variant** [1007]. **variants** [755]. **Variations** [160]. **various** [218].  
**varying** [311, 968]. **vector** [326, 778].  
**vectors** [884]. **Vegas** [742]. **vehicle** [552].  
**Verification** [417, 665, 766, 825, 130, 831].  
**Verifying** [440]. **version** [1043, 460, 388].  
**versus** [1017, 238, 178, 563]. **vertex** [599, 947, 514, 82, 591, 299, 470, 129, 697, 533, 972, 133, 1091, 818]. **vertex-disjoint** [129]. **vertex-fault-tolerant** [299].  
**vertex-weighted** [533]. **Vertical** [88].  
**vertices** [806]. **via** [417, 522, 947, 770, 342, 840, 831, 217, 691, 233, 36]. **view** [509, 631, 368, 921]. **views** [224, 1052].  
**violations** [632]. **virtual** [252, 544, 741].  
**viruses** [769]. **visibility** [526, 952, 161].  
**visibly** [186, 1050]. **Visual** [84, 594].  
**Volumetric** [525]. **Voronoi** [40]. **vote** [521].  
**voter** [304]. **voting** [705].  
**wake** [569, 690]. **wake-up** [690]. **Walking** [576]. **walks** [210, 217]. **wavelet** [887]. **way** [742, 344, 515, 1102, 117]. **weak** [73, 508, 420, 667]. **weakest** [485]. **weakly** [269, 723, 286]. **Weierstrass** [45]. **weight** [915, 133]. **Weighted** [856, 812, 766, 1061, 268, 577, 369, 223, 349, 746, 533, 756].  
**weights** [991, 539]. **well** [476]. **which** [247, 306]. **white** [398, 594]. **width** [303, 1048, 699, 46, 697]. **widths** [249].  
**wildcard** [863]. **Wildcards** [434]. **window** [245, 123]. **winner** [705]. **winning** [960].  
**wirelength** [389]. **wireless** [163, 544, 545, 313, 655]. **without** [653, 998, 602, 200, 867, 35, 57]. **WK** [57].  
**WK-recursive** [57]. **WoLLIC** [475]. **word** [621, 185, 435, 192, 355, 981]. **Words** [449, 290, 1097, 971, 859, 363, 394, 907, 456, 1102, 620, 1105, 450, 1076, 88, 857, 644, 1108, 66, 453, 356, 330, 455, 1063, 457, 377, 227, 93, 38, 565, 216, 791]. **work** [1046].  
**workers** [16]. **Working** [724]. **workshops** [504]. **world** [269]. **Worst** [407, 305, 246, 101]. **Worst-** [407].

- worst-case** [246, 101]. **WSTS** [875].  
**Wythoff** [466]. **Wythoff-like** [466].
- XML** [192]. **XPath** [192]. **xxx** [620].
- zero** [1020, 526, 381]. **zero-matrix** [1020].  
**zero-visibility** [526]. **Zhang** [968]. **Zimin** [132]. **Zombies** [1043]. **zoom** [559].

## References

- Feigenblat:2010:FIP**
- [1] Guy Feigenblat, Ofra Itzhaki, and Ely Porat. The frequent items problem, under polynomial decay, in the streaming model. *Theoretical Computer Science*, 411(34–36):3048–3054, July 17, 2010. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). See corrigendum [983].
- Colussi:2011:CCC**
- [2] Livio Colussi. The convergence classes of Collatz function. *Theoretical Computer Science*, 412(39):5409–5419, September 9, 2011. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). See comment [724].
- Hosoda:2012:AHM**
- [3] Jun Hosoda, Juraj Hromkovic, Taisuke Izumi, Hirotaka Ono, Monika Steinová, and Koichi Wada. On the approximability and hardness of minimum topic connected overlay and its special instances. *Theoretical Computer Science*, 429(1):144–154, April 20, 2012. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397511009996>. See corrigendum [67].
- Calamoneri:2014:PCGa**
- [4] T. Calamoneri and R. Petreschi. On pairwise compatibility graphs having Dilworth number two. *Theoretical Computer Science*, 524(?):34–40, March 6, 2014. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397513009274>. See corrigendum [473].
- Pai:2014:ICH**
- [5] Kung-Jui Pai, Jou-Ming Chang, Jinn-Shyong Yang, and Ro-Yu Wu. Incidence coloring on hypercubes. *Theoretical Computer Science*, 557(?):59–65, November 6, 2014. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514006380>. See corrigendum [1003].
- Anonymous:2015:EBaa**
- [6] Anonymous. Editorial Board. *Theoretical Computer Science*, 561 (part A) (?):iii–ix, January 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009049>.
- Anonymous:2015:EBab**
- [7] Anonymous. Editorial Board. *Theoretical Computer Science*, 561 (part B) (?):iii–ix, January 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009189>.

- Friedrich:2015:GEC**
- [8] Tobias Friedrich, Jun He, Thomas Jansen, and Alberto Moraglio. Genetic and evolutionary computation. *Theoretical Computer Science*, 561 (part A)(??):1–2, January 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009116>.
- Doerr:2015:OLF**
- [9] Benjamin Doerr and Marvin Künnemann. Optimizing linear functions with the  $(1 + \lambda)$  evolutionary algorithm — different asymptotic runtimes for different instances. *Theoretical Computer Science*, 561 (part A)(??):3–23, January 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514002060>.
- Nguyen:2015:PSM**
- [10] Anh Quang Nguyen, Andrew M. Sutton, and Frank Neumann. Population size matters: Rigorous runtime results for maximizing the hypervolume indicator. *Theoretical Computer Science*, 561 (part A)(??):24–36, January 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514004599>.
- Oliveto:2015:ADM**
- [11] Pietro S. Oliveto and Christine Zarges. Analysis of diversity mechanisms for optimisation in dynamic environments with low frequencies of change. *Theoretical Computer Science*, 561 (part A)
- Schmitt:2015:PSO**
- [12] Manuel Schmitt and Rolf Wanka. Particle swarm optimization almost surely finds local optima. *Theoretical Computer Science*, 561 (part A)(??):57–72, January 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514004150>.
- Lissovoi:2015:RAA**
- [13] Andrei Lissovoi and Carsten Witt. Runtime analysis of ant colony optimization on dynamic shortest path problems. *Theoretical Computer Science*, 561 (part A)(??):73–85, January 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514004952>.
- Raynal:2015:SID**
- [14] Michel Raynal and Franck Petit. Special issue on distributed computing and networking. *Theoretical Computer Science*, 561 (part B)(??):87, January 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009256>.
- Afek:2015:SCA**
- [15] Yehuda Afek and Eli Gafni. A simple characterization of asynchronous

- computations. *Theoretical Computer Science*, 561 (part B)(??):88–95, January 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514005659>.
- Davtyan:2015:DUW**
- [16] Seda Davtyan, Kishori M. Konwar, Alexander Russell, and Alexander A. Shvartsman. Dealing with undependable workers in decentralized network supercomputing. *Theoretical Computer Science*, 561 (part B)(??):96–112, January 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007774>.
- Sarma:2015:FDP**
- [17] Atish Das Sarma, Anisur Rahaman Molla, Gopal Pandurangan, and Eli Upfal. Fast distributed PageRank computation. *Theoretical Computer Science*, 561 (part B)(??):113–121, January 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514002709>.
- Delporte-Gallet:2015:LSB**
- [18] Carole Delporte-Gallet, Hugues Fauconnier, Eli Gafni, and Sergio Rajbaum. Linear space bootstrap communication schemes. *Theoretical Computer Science*, 561 (part B)(??):122–133, January 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514006537>.
- Giannakopoulos:2015:CAM**
- [19] Shay Kutten, Gopal Pandurangan, David Peleg, Peter Robinson, and Amitabh Trehan. Sublinear bounds for randomized leader election. *Theoretical Computer Science*, 561 (part B)(??):134–143, January 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514001029>.
- Kutten:2015:SBR**
- [20] Anonymous. Editorial Board. *Theoretical Computer Science*, 562(??):iii–ix, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751400930X>.
- Anonymous:2015:EBac**
- [21] Ching-Hao Liu, Sheung-Hung Poon, and Jin-Yong Lin. Independent dominating set problem revisited. *Theoretical Computer Science*, 562(??):1–22, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514006537>.
- Liu:2015:IDS**
- [22] Yiannis Giannakopoulos and Elias Koutsoupias. Competitive analysis of maintaining frequent items of a stream. *Theoretical Computer Science*, 562(??):23–32, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print),
- Giannakopoulos:2015:CAM**

- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514006768>.
- Amir:2015:PST**
- [23] Amihood Amir, Alberto Apostolico, Gad M. Landau, Ely Porat, and Oren Sar Shalom. A PTAS for the Square Tiling Problem. *Theoretical Computer Science*, 562(??):33–45, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751400677X>.
- Fu:2015:EHD**
- [24] Hao Fu and Guo-Niu Han. On  $t$ -extensions of the Hankel determinants of certain automatic sequences. *Theoretical Computer Science*, 562(??):46–56, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007105>.
- Wang:2015:OFE**
- [25] Yang Wang, Man Ho Au, and Willy Susilo. Optimistic fair exchange in the enhanced chosen-key model. *Theoretical Computer Science*, 562(??):57–74, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007117>.
- Delmas:2015:DFT**
- [26] O. Delmas, F. Havet, M. Montassier, and S. Pérennes. Design of fault-tolerant on-board networks with variable switch sizes. *Theoretical Computer Science*, 562(??):75–89, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007129>.
- Fanelli:2015:RDG**
- [27] Angelo Fanelli, Dariusz Leniowski, Giampiero Monaco, and Piotr Sankowski. The ring design game with fair cost allocation. *Theoretical Computer Science*, 562(??):90–100, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007130>.
- deOliveira:2015:CTU**
- [28] Lucas de Oliveira, Cid C. de Souza, and Tallys Yunes. On the complexity of the traveling umpire problem. *Theoretical Computer Science*, 562(??):101–111, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007270>.
- Chen:2015:EAS**
- [29] Xiaofeng Chen, Willy Susilo, Jin Li, Duncan S. Wong, Jianfeng Ma, Shaohua Tang, and Qiang Tang. Efficient algorithms for secure outsourcing of bilinear pairings. *Theoretical Computer Science*, 562(??):112–121, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007282>.

- |  |   |
|--|---|
| <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Bu:2015:CBS</b></div> <p>[30] Tian-Ming Bu, Chen Yuan, and Peng Zhang. Computing on binary strings. <i>Theoretical Computer Science</i>, 562(??):122–128, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397514007294">http://www.sciencedirect.com/science/article/pii/S0304397514007294</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Gadouleau:2015:MCN</b></div> <p>[31] Maximilien Gadouleau and Søren Riis. Memoryless computation: New results, constructions, and extensions. <i>Theoretical Computer Science</i>, 562(??):129–145, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397514007300">http://www.sciencedirect.com/science/article/pii/S0304397514007300</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>You:2015:OOD</b></div> <p>[32] Lantao You, Jianxi Fan, Yuejuan Han, and Xiaohua Jia. One-to-one disjoint path covers on alternating group graphs. <i>Theoretical Computer Science</i>, 562(??):146–164, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397514007312">http://www.sciencedirect.com/science/article/pii/S0304397514007312</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Bodlaender:2015:EAK</b></div> <p>[33] Hans L. Bodlaender, Dieter Kratsch, and Sjoerd T. Timmer. Exact algorithms for Kayles. <i>Theoretical Computer Science</i>, 562(??):165–176, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397514007324">http://www.sciencedirect.com/science/article/pii/S0304397514007324</a>.</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Huang:2015:AOF</b></div> <p>[34] Qiong Huang, Guomin Yang, Duncan S. Wong, and Willy Susilo. Ambiguous optimistic fair exchange: Definition and constructions. <i>Theoretical Computer Science</i>, 562(??):177–193, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397514007336">http://www.sciencedirect.com/science/article/pii/S0304397514007336</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Tan:2015:CSR</b></div> <p>[35] Xiao Tan, Qiong Huang, and Duncan S. Wong. Concurrent signature without random oracles. <i>Theoretical Computer Science</i>, 562(??):194–212, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397514007348">http://www.sciencedirect.com/science/article/pii/S0304397514007348</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Wu:2015:PDA</b></div> <p>[36] Chenchen Wu, Donglei Du, and Dachuan Xu. Primal-dual approximation algorithm for the two-level facility location problem via a dual quasi-greedy approach. <i>Theoretical Computer Science</i>, 562(??):213–226, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S030439751400735X">http://www.sciencedirect.com/science/article/pii/S030439751400735X</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Gavruskin:2015:DAM</b></div> <p>[37] Alexander Gavruskin, Bakhadyr Khousainov, Mikhail Kokho, and Jiamou Liu. Dynamic algorithms for monotonic interval scheduling problem. <i>Theoretical Computer Science</i>, 562(??):</p> |
|--|---|

- 227–242, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007361>.
- Wei:2015:SCW**
- [38] Jianxin Wei and Heping Zhang. Solution to a conjecture on words that are bad and 2-isometric. *Theoretical Computer Science*, 562(??):243–251, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007634>.
- Heggernes:2015:ISI**
- [39] Pinar Heggernes, Pim van ’t Hof, Daniel Meister, and Yngve Villanger. Induced Subgraph Isomorphism on proper interval and bipartite permutation graphs. *Theoretical Computer Science*, 562(??):252–269, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007646>.
- Bandyapadhyay:2015:VGG**
- [40] Sayan Bandyapadhyay, Aritra Banik, Sandip Das, and Hirak Sarkar. Voronoi game on graphs. *Theoretical Computer Science*, 562(??):270–282, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007658>.
- Bang-Jensen:2015:FSD**
- [41] Jørgen Bang-Jensen, Frédéric Havet, and A. Karolinna Maia. Finding a subdivision of a digraph. *Theoretical Computer Science*, 562(??):283–303, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751400766X>.
- DAlessandro:2015:CEBa**
- [42] Flavio D’Alessandro and Benedetto Intrigila. On the commutative equivalence of bounded context-free and regular languages: the code case. *Theoretical Computer Science*, 562(??):304–319, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007671>.
- Tsur:2015:SRL**
- [43] Dekel Tsur. Succinct representation of labeled trees. *Theoretical Computer Science*, 562(??):320–329, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007683>.
- Bermudo:2015:CSK**
- [44] Sergio Bermudo and Henning Fernau. Combinatorics for smaller kernels: the differential of a graph. *Theoretical Computer Science*, 562(??):330–345, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007695>.

**Ruatta:2015:OWI**

- [45] Olivier Ruatta, Mark Sciabica, and Agnes Szanto. Overdetermined Weierstrass iteration and the nearest consistent system. *Theoretical Computer Science*, 562(?):346–364, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007798>.

**Kintali:2015:AAD**

- [46] Shiva Kintali, Nishad Kothari, and Akash Kumar. Approximation algorithms for digraph width parameters. *Theoretical Computer Science*, 562(?):365–376, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007713>.

**Seddik:2015:PGS**

- [47] Yasmina Seddik, Christophe Gonzales, and Safia Kedad-Sidhoum. Performance guarantees for a scheduling problem with common stepwise job payoffs. *Theoretical Computer Science*, 562(?):377–394, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007725>.

**Han:2015:RAO**

- [48] Xin Han, Yasushi Kawase, and Kazuhisa Makino. Randomized algorithms for online knapsack problems. *Theoretical Computer Science*, 562(?):395–405, January 11, 2015. CODEN

TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007798>.

**Oliveira:2015:PEP**

- [49] Leonardo I. L. Oliveira, Valmir C. Barbosa, and Fábio Protti. The predecessor-existence problem for  $k$ -reversible processes. *Theoretical Computer Science*, 562(?):406–418, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007804>.

**Calinescu:2015:BPA**

- [50] Gruia Calinescu. Bounding the payment of approximate truthful mechanisms. *Theoretical Computer Science*, 562(?):419–435, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007816>.

**Gast:2015:IDS**

- [51] Mikael Gast, Mathias Hauptmann, and Marek Karpinski. Inapproximability of dominating set on power law graphs. *Theoretical Computer Science*, 562(?):436–452, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751400783X>.

**Bermond:2015:DGP**

- [52] Jean-Claude Bermond, Bi Li, Nicolas Nisse, Hervé Rivano, and Min-Li Yu. Data gathering and per-

- sonalized broadcasting in radio grids with interference. *Theoretical Computer Science*, 562(??):453–475, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008214>.
- DAlessandro:2015:CES**
- [53] Flavio D’Alessandro and Benedetto Intrigila. On the commutative equivalence of semi-linear sets of  $N^k$ . *Theoretical Computer Science*, 562(??):476–495, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008226>.
- Chen:2015:PAA**
- [54] Jianer Chen, Jia-Hao Fan, and Sing-Hoi Sze. Parameterized and approximation algorithms for maximum agreement forest in multifurcating trees. *Theoretical Computer Science*, 562(??):496–512, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008238>.
- Levin:2015:BAS**
- [55] Asaf Levin and Aleksander Vainer. The benefit of adaptivity in stochastic packing problems with probing. *Theoretical Computer Science*, 562(??):513–523, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751400824X>.
- Mertzios:2015:OBT**
- [56] George B. Mertzios, Mordechai Shalom, Ariella Voloshin, Prudence W. H. Wong, and Shmuel Zaks. Optimizing busy time on parallel machines. *Theoretical Computer Science*, 562(??):524–541, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008251>.
- Wang:2015:HBW**
- [57] Yi-Chun Wang and Justie Su-Tzu Juan. Hamiltonicity of the basic WK-recursive pyramid with and without faulty nodes. *Theoretical Computer Science*, 562(??):542–556, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008263>.
- Disser:2015:IBP**
- [58] Yann Disser, Andreas Emil Feldmann, Max Klimm, and Matúš Mihalák. Improving the  $H_k$ -bound on the price of stability in undirected Shapley network design games. *Theoretical Computer Science*, 562(??):557–564, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008299>.
- Lin:2015:CDS**
- [59] Limei Lin, Li Xu, and Shuming Zhou. Conditional diagnosability and strong diagnosability of Split-Star Networks under the PMC model. *Theoretical Computer Science*, 562(??):565–577, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008301>.

- cal Computer Science*, 562(??):565–580, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751400838X>.
- Fan:2015:ISP**
- [60] Jing Fan, Xiwen Lu, and Peihai Liu. Integrated scheduling of production and delivery on a single machine with availability constraint. *Theoretical Computer Science*, 562(??):581–589, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008391>.
- Jing:2015:PA**
- [61] Maohua Jing, Yixian Yang, Ning Lu, Wenbo Shi, and Changyong Yu. Postfix automata. *Theoretical Computer Science*, 562(??):590–605, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008421>.
- Meister:2015:USD**
- [62] Daniel Meister. Using swaps and deletes to make strings match. *Theoretical Computer Science*, 562(??):606–620, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008457>.
- Ileri:2015:SYT**
- [63] Atalay Mert Ileri, M. Oguzhan Külekci, and Bojian Xu. A simple yet time-optimal and linear-space algorithm for shortest unique substring queries. *Theoretical Computer Science*, 562(??):621–633, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008470>.
- Couturier:2015:NMD**
- [64] Jean-François Couturier, Romain Letourneur, and Mathieu Liedloff. On the number of minimal dominating sets on some graph classes. *Theoretical Computer Science*, 562(??):634–642, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008494>.
- Bilo:2015:SGS**
- [65] Davide Bilò, Luciano Gualà, Stefano Leucci, and Guido Proietti. Specializations and generalizations of the Stackelberg minimum spanning tree game. *Theoretical Computer Science*, 562(??):643–657, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008524>.
- Harju:2015:NP**
- [66] Tero Harju and Mike Müller. A note on short palindromes in square-free words. *Theoretical Computer Science*, 562(??):658–659, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008329>.

**Hosoda:2015:CAH**

- [67] Jun Hosoda, Juraj Hromkovic, Taisuke Izumi, Hirotaka Ono, Monika Steinová, and Koichi Wada. Corrigendum to “On the approximability and hardness of minimum topic connected overlay and its special instances” [Theoret. Comput. Sci. **429** (2012) 144–154]. *Theoretical Computer Science*, 562(??):660–661, January 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008445>. See [3].

**Anonymous:2015:EBad**

- [68] Anonymous. Editorial Board. *Theoretical Computer Science*, 563(??):iii–ix, January 19, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009621>.

**Cavalcanti:2015:TST**

- [69] Ana Cavalcanti and Marie-Claude Gaudel. Test selection for traces refinement. *Theoretical Computer Science*, 563(??):1–42, January 19, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514006331>.

**Bouyer:2015:RRT**

- [70] Patricia Bouyer, Nicolas Markey, and Ocan Sankur. Robust reachability in timed automata and games: a game-based approach. *Theoretical Computer Science*, 563(??):43–74, January 19, 2015. CODEN

TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514006355>.

**DAgostino:2015:BQU**

- [71] Giovanna D’Agostino and Giacomo Lenzi. Bisimulation quantifiers and uniform interpolation for guarded first order logic. *Theoretical Computer Science*, 563(??):75–85, January 19, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514006367>.

**Guan:2015:CMP**

- [72] Xuechong Guan and Yongming Li. On conditions for mappings to preserve optimal solutions of semiring-induced valuation algebras. *Theoretical Computer Science*, 563(??):86–98, January 19, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007786>.

**Bernardo:2015:TBC**

- [73] Marco Bernardo. On the tradeoff between compositionality and exactness in weak bisimilarity for integrated-time Markovian process calculi. *Theoretical Computer Science*, 563(??):99–143, January 19, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008172>.

- Anonymous:2015:EBae**
- [74] Anonymous. Editorial Board. *Theoretical Computer Science*, 564(??): iii–ix, January 26, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009748>.
- Zhang:2015:BS**
- [75] Wenhui Zhang. Bounded semantics. *Theoretical Computer Science*, 564(??): 1–29, January 26, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008184>.
- Conradie:2015:ACI**
- [76] Willem Conradie, Yves Fomatati, Alessandra Palmigiano, and Sumit Sourabh. Algorithmic correspondence for intuitionistic modal mu-calculus. *Theoretical Computer Science*, 564(??): 30–62, January 26, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008196>.
- Dufourd:2015:FSF**
- [77] Jean-François Dufourd. Formal study of functional orbits in finite domains. *Theoretical Computer Science*, 564(??): 63–88, January 26, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008330>.
- Edalat:2015:DCL**
- [78] Abbas Edalat. A derivative for complex Lipschitz maps with generalised Cauchy–Riemann equations. *Theoretical Computer Science*, 564(??): 89–106, January 26, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008469>.
- Angiulli:2015:RDT**
- [79] Fabrizio Angiulli, Rachel Ben-Eliyahu-Zohary, and Luigi Palopoli. Restricted default theories: Expressive power and outlier detection tasks. *Theoretical Computer Science*, 564(??): 107–130, January 26, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008536>.
- DiGiampaolo:2015:PMI**
- [80] Barbara Di Giampaolo, Salvatore La Torre, and Margherita Napoli. Parametric metric interval temporal logic. *Theoretical Computer Science*, 564(??): 131–148, January 26, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008627>.
- Anonymous:2015:EBaf**
- [81] Anonymous. Editorial Board. *Theoretical Computer Science*, 565(??): iii–ix, February 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751400989X>.
- Fernau:2015:PCV**
- [82] Henning Fernau, Fedor V. Fomin, Geevarghese Philip, and Saket Saurabh.

- On the parameterized complexity of vertex cover and edge cover with connectivity constraints. *Theoretical Computer Science*, 565(?):1–15, February 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008275>.
- Hellmuth:2015:CSF**
- [83] Marc Hellmuth and Tilen Marc. On the Cartesian skeleton and the factorization of the strong product of digraphs. *Theoretical Computer Science*, 565(?):16–29, February 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008378>.
- Shyu:2015:VCR**
- [84] Shyong Jian Shyu. Visual cryptograms of random grids for threshold access structures. *Theoretical Computer Science*, 565(?):30–49, February 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008408>.
- Faulkner:2015:FSA**
- [85] Nicholas Faulkner and Reem Yassawi. A family of sand automata. *Theoretical Computer Science*, 565(?):50–62, February 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008482>.
- Gyorgyi:2015:RBS**
- [86] Péter Györgyi and Tamás Kis. Reductions between scheduling problems with non-renewable resources and knapsack problems. *Theoretical Computer Science*, 565(?):63–76, February 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008500>.
- Punnen:2015:AVS**
- [87] Abraham P. Punnen, Piyashat Sripratak, and Daniel Karapetyan. Average value of solutions for the bipartite boolean quadratic programs and rounding algorithms. *Theoretical Computer Science*, 565(?):77–89, February 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008512>.
- Fedou:2015:VRI**
- [88] Jean-Marc Féodou and Gabriele Fici. Vertical representation of  $C^\infty$ -words. *Theoretical Computer Science*, 565(?):90–101, February 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008548>.
- Kasperski:2015:COP**
- [89] Adam Kasperski and Paweł Zieliński. Combinatorial optimization problems with uncertain costs and the OWA criterion. *Theoretical Computer Science*, 565(?):102–112, February 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

- URL <http://www.sciencedirect.com/science/article/pii/S0304397514008561>. Anonymous:2015:EBag
- [90] Anonymous. Editorial Board. *Theoretical Computer Science*, 566(??): iii–ix, February 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514010020>.
- Okhotin:2015:DCU
- [91] Alexander Okhotin and Kai Salomaa. Descriptive complexity of unambiguous input-driven pushdown automata. *Theoretical Computer Science*, 566(??): 1–11, February 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008585>.
- Chechik:2015:FTC
- [92] Shiri Chechik and David Peleg. The fault-tolerant capacitated  $K$ -center problem. *Theoretical Computer Science*, 566(??):12–25, February 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008608>. Turek:2015:APP
- [93] Ondrej Turek. Abelian properties of Parry words. *Theoretical Computer Science*, 566(??):26–38, February 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009384>.
- Gargano:2015:CCF
- [94] Luisa Gargano and Adele A. Rescigno. Complexity of conflict-free colorings of graphs. *Theoretical Computer Science*, 566(??):39–49, February 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009463>. Zhang:2015:SSC
- [95] Wenwen Zhang and Jian-Liang Wu. Some sufficient conditions for 1-planar graphs to be Class 1. *Theoretical Computer Science*, 566(??):50–58, February 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009499>.
- Araujo:2015:PON
- [96] Julio Araujo, Nathann Cohen, Susanna F. de Rezende, Frédéric Havet, and Phablo F. S. Moura. On the proper orientation number of bipartite graphs. *Theoretical Computer Science*, 566(??): 59–75, February 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009554>. Anonymous:2015:EBah
- [97] Anonymous. Editorial Board. *Theoretical Computer Science*, 567(??): iii–ix, ????, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514010202>.

- |  |  |
|--|--|
| <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Anonymous:2015:NC</b></div> <p>[98] Anonymous. Natural computing. <i>Theoretical Computer Science</i>, 567(??):1, ????, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397514010275">http://www.sciencedirect.com/science/article/pii/S0304397514010275</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Neary:2015:TSU</b></div> <p>[99] Turlough Neary. Three small universal spiking neural P systems. <i>Theoretical Computer Science</i>, 567(??):2–20, ????, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397514006719">http://www.sciencedirect.com/science/article/pii/S0304397514006719</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Salo:2015:CTS</b></div> <p>[100] Ville Salo and Ilkka Törmä. Category theory of symbolic dynamics. <i>Theoretical Computer Science</i>, 567(??):21–45, ????, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397514008020">http://www.sciencedirect.com/science/article/pii/S0304397514008020</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Popovici:2015:FCO</b></div> <p>[101] Elena Popovici and Ezra Winston. A framework for co-optimization algorithm performance and its application to worst-case optimization. <i>Theoretical Computer Science</i>, 567(??):46–73, ????, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397514008305">http://www.sciencedirect.com/science/article/pii/S0304397514008305</a>.</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Song:2015:CEU</b></div> <p>[102] Bosheng Song and Linqiang Pan. Computational efficiency and universality of timed P systems with active membranes. <i>Theoretical Computer Science</i>, 567(??):74–86, ????, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397514008433">http://www.sciencedirect.com/science/article/pii/S0304397514008433</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Doerr:2015:BBC</b></div> <p>[103] Benjamin Doerr, Carola Doerr, and Franziska Ebel. From black-box complexity to designing new genetic algorithms. <i>Theoretical Computer Science</i>, 567(??):87–104, ????, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397514009451">http://www.sciencedirect.com/science/article/pii/S0304397514009451</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Anonymous:2015:EBai</b></div> <p>[104] Anonymous. Editorial Board. <i>Theoretical Computer Science</i>, 568(??):iii–ix, February 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515000067">http://www.sciencedirect.com/science/article/pii/S0304397515000067</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Nishimura:2015:IPQ</b></div> <p>[105] Harumichi Nishimura and Tomoyuki Yamakami. Interactive proofs with quantum finite automata. <i>Theoretical Computer Science</i>, 568(??):1–18, February 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397514009487">http://www.sciencedirect.com/science/article/pii/S0304397514009487</a>.</p> |
|--|--|

- Tang:2015:GDR**
- [106] Ming-Xiao Tang, Jia Lee, and Kenichi Morita. General design of reversible sequential machines based on reversible logic elements. *Theoretical Computer Science*, 568(?):19–27, February 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009505>.
- Boyar:2015:RIA**
- [107] Joan Boyar, Sushmita Gupta, and Kim S. Larsen. Relative interval analysis of paging algorithms on access graphs. *Theoretical Computer Science*, 568(?):28–48, February 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009530>.
- Folschette:2015:IBR**
- [108] Maxime Folschette, Loïc Paulevé, Katsumi Inoue, Morgan Magnin, and Olivier Roux. Identification of biological regulatory networks from Process Hitting models. *Theoretical Computer Science*, 568(?):49–71, February 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009578>.
- Bulteau:2015:FPA**
- [109] Laurent Bulteau, Anna Paola Carrieri, and Riccardo Dondi. Fixed-parameter algorithms for scaffold filling. *Theoretical Computer Science*, 568(?):72–83, February 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009827>.
- Ooshita:2015:SSM**
- [110] Fukuhito Ooshita and Sébastien Tixeuil. On the self-stabilization of mobile oblivious robots in uniform rings. *Theoretical Computer Science*, 568(?):84–96, February 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009967>.
- Le:2015:CRP**
- [111] Van Bang Le and Sheng-Lung Peng. Characterizing and recognizing probe block graphs. *Theoretical Computer Science*, 568(?):97–102, February 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514010135>.
- Anonymous:2015:EBaj**
- [112] Anonymous. Editorial Board. *Theoretical Computer Science*, 569(?):iii–ix, March 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000225>.
- Krawec:2015:PIC**
- [113] Walter O. Krawec.  $n$ -Player impartial combinatorial games with random players. *Theoretical Computer Science*, 569(?):1–12, March 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print),

- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009694>.
- Levin:2015:MTE**
- [114] Liron Levin, Dariusz R. Kowalski, and Michael Segal. Message and time efficient multi-broadcast schemes. *Theoretical Computer Science*, 569(??):13–23, March 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009839>.
- Bose:2015:SLC**
- [115] Prosenjit Bose, Jean-Lou De Carufel, and Stephane Durocher. Searching on a line: a complete characterization of the optimal solution. *Theoretical Computer Science*, 569(??):24–42, March 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009840>.
- Skowron:2015:CFP**
- [116] Piotr Skowron, Lan Yu, Piotr Faliszewski, and Edith Elkind. The complexity of fully proportional representation for single-crossing electorates. *Theoretical Computer Science*, 569(??):43–57, March 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514010111>.
- Yu:2015:PGR**
- [117] Yu Yu, Xiangxue Li, and Jian Weng. Pseudorandom generators from regular one-way functions: New constructions with improved parameters. *Theoretical Computer Science*, 569(??):58–69, March 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514010123>.
- Lam:2015:NCM**
- [118] Nhat X. Lam, Tien Tran, Min Kyung An, and Dung T. Huynh. A note on the complexity of minimum latency data aggregation scheduling with uniform power in physical interference model. *Theoretical Computer Science*, 569(??):70–73, March 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009529>.
- Anonymous:2015:EBak**
- [119] Anonymous. Editorial Board. *Theoretical Computer Science*, 570(??):iii–ix, March 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000559>.
- Baste:2015:RPC**
- [120] Julien Baste and Ignasi Sau. The role of planarity in connectivity problems parameterized by treewidth. *Theoretical Computer Science*, 570(??):1–14, March 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514010093>.

- Liu:2015:HNC**
- [121] Jia-Jie Liu, Cindy Tzu-Hsin Wang, Yue-Li Wang, and William Chung-Kung Yen. The hub number of co-comparability graphs. *Theoretical Computer Science*, 570(??):15–21, March 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751401010X>.
- Geng:2015:POS**
- [122] Zhichao Geng and Jinjiang Yuan. Pareto optimization scheduling of family jobs on a  $p$ -batch machine to minimize makespan and maximum lateness. *Theoretical Computer Science*, 570(??):22–29, March 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514010329>.
- Li:2015:IAS**
- [123] Chung-Lun Li. Improved algorithms for single-machine common due window assignment and scheduling with batch deliveries. *Theoretical Computer Science*, 570(??):30–39, March 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514010330>.
- Abed:2015:COP**
- [124] Fidaa Abed and Chien-Chung Huang. Coordinating oligopolistic players in unrelated machine scheduling. *Theoretical Computer Science*, 570(??):40–54, March 9, 2015. CODEN
- TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000134>.
- Zhang:2015:POP**
- [125] Zhongzhi Zhang and Bin Wu. Pfaffian orientations and perfect matchings of scale-free networks. *Theoretical Computer Science*, 570(??):55–69, March 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000158>.
- Genitrini:2015:ACT**
- [126] Antoine Genitrini, Bernhard Gittenberger, Veronika Kraus, and Cécile Mailler. Associative and commutative tree representations for Boolean functions. *Theoretical Computer Science*, 570(??):70–101, March 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500016X>.
- Anonymous:2015:EBal**
- [127] Anonymous. Editorial Board. *Theoretical Computer Science*, 571(??):iii–ix, March 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000821>.
- Angelini:2015:IBP**
- [128] Patrizio Angelini, Giordano Da Lozzo, Giuseppe Di Battista, Fabrizio Frati, and Vincenzo Roselli. The importance of being proper: (in clustered-

- level planarity and  $T$ -level planarity). *Theoretical Computer Science*, 571(??):1–9, March 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514010317>.
- Lai:2015:Cas**
- [129] Cheng-Nan Lai. On the construction of all shortest vertex-disjoint paths in Cayley graphs of abelian groups. *Theoretical Computer Science*, 571(??):10–20, March 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000146>.
- Krysta:2015:CAV**
- [130] Piotr Krysta and Carmine Venetre. Combinatorial auctions with verification are tractable. *Theoretical Computer Science*, 571(??):21–35, March 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000171>.
- Auer:2015:UPG**
- [131] Christopher Auer, Christian Bachmaier, Franz J. Brandenburg, Andreas Gleißner, and Kathrin Hanauer. Upward planar graphs and their duals. *Theoretical Computer Science*, 571(??):36–49, March 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000304>.
- Rytter:2015:SZP**
- [132] Wojciech Rytter and Arseny M. Shur. Searching for Zimin patterns. *Theoretical Computer Science*, 571(??):50–57, March 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000316>.
- Wang:2015:PMW**
- [133] Limin Wang, Xiaoyan Zhang, Zhao Zhang, and Hajo Broersma. A PTAS for the minimum weight connected vertex cover  $P_3$  problem on unit disk graphs. *Theoretical Computer Science*, 571(??):58–66, March 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000328>.
- Crespelle:2015:TIS**
- [134] Christophe Crespelle, Thi Ha Duong Phan, and The Hung Tran. Termination of the iterated strong-factor operator on multipartite graphs. *Theoretical Computer Science*, 571(??):67–77, March 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000365>.
- Durocher:2015:GP**
- [135] Stephane Durocher, Debajyoti Mondal, and Md. Saidur Rahman. On graphs that are not PCGs. *Theoretical Computer Science*, 571(??):78–87, March 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print),

- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000389>.
- Anonymous:2015:EBam**
- [136] Anonymous. Editorial Board. *Theoretical Computer Science*, 572(??): iii–ix, March 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001231>.
- DAlessandro:2015:CEBb**
- [137] Flavio D'Alessandro and Benedetto Intrigila. On the commutative equivalence of bounded context-free and regular languages: the semi-linear case. *Theoretical Computer Science*, 572(??):1–24, March 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000353>.
- Zhang:2015:PCL**
- [138] Zongyang Zhang, Sherman S. M. Chow, and Zhenfu Cao. Post-challenge leakage in public-key encryption. *Theoretical Computer Science*, 572(??): 25–49, March 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000377>.
- Lu:2015:IPD**
- [139] Lingfa Lu, Liqi Zhang, and Long Wan. Integrated production and delivery scheduling on a serial batch machine to minimize the makespan. *Theoretical Computer Science*, 572(??): 50–57, March 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000419>.
- Xu:2015:OSE**
- [140] Jia Xu and Zhaohui Liu. Online scheduling with equal processing times and machine eligibility constraints. *Theoretical Computer Science*, 572(??): 58–65, March 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000420>.
- Ting:2015:OPM**
- [141] H. F. Ting and Xiangzhong Xiang. Online pricing for multi-type of items. *Theoretical Computer Science*, 572(??): 66–82, March 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000432>.
- Rao:2015:ABS**
- [142] Michaël Rao, Michel Rigo, and Pavel Salimov. Avoiding 2-binomial squares and cubes. *Theoretical Computer Science*, 572(??):83–91, March 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000651>.
- Anonymous:2015:EBan**
- [143] Anonymous. Editorial Board. *Theoretical Computer Science*, 573(??): iii–ix, March 30, 2015. CODEN TCSCDI. ISSN 0304-3975 (print),

- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001346>.
- Henzinger:2015:TUD**
- [144] Monika Henzinger and Veronika Loitzenbauer. Truthful unit-demand auctions with budgets revisited. *Theoretical Computer Science*, 573(??):1–15, March 30, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000699>.
- Homan:2015:DRF**
- [145] Christopher M. Homan and Sven Kosub. Dichotomy results for fixed point counting in boolean dynamical systems. *Theoretical Computer Science*, 573(??):16–25, March 30, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000766>.
- Panda:2015:HRA**
- [146] B. S. Panda, S. Paul, and D. Pradhan. Hardness results, approximation and exact algorithms for liar’s domination problem in graphs. *Theoretical Computer Science*, 573(??):26–42, March 30, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000778>.
- Bilo:2015:MDN**
- [147] Davide Bilò, Luciano Gualà, Stefano Leucci, and Guido Proietti. The max-distance network creation game on general host graphs. *Theoretical Computer Science*, 573(??):43–53, March 30, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000912>.
- Boroujeni:2015:IAC**
- [148] Marziyeh Boroujeni, Abdolali Basiri, Sajjad Rahmany, and Annick Valibouze.  $F_4$ -invariant algorithm for computing SAGBI–Gröbner bases. *Theoretical Computer Science*, 573(??):54–62, March 30, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000924>.
- Liu:2015:EDP**
- [149] Yunlong Liu, Jianxin Wang, Jie You, Jianer Chen, and Yixin Cao. Edge deletion problems: Branching facilitated by modular decomposition. *Theoretical Computer Science*, 573(??):63–70, March 30, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000961>.
- Chatterjee:2015:ACA**
- [150] Krishnendu Chatterjee, Manas Joglekar, and Nisarg Shah. Average case analysis of the classical algorithm for Markov decision processes with Büchi objectives. *Theoretical Computer Science*, 573(??):71–89, March 30, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000973>.

- |   |  |
|---|--|
| <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Anonymous:2015:EBao</b></div> <p>[151] Anonymous. Editorial Board. <i>Theoretical Computer Science</i>, 574(??):iii–ix, April 6, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515001437">http://www.sciencedirect.com/science/article/pii/S0304397515001437</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Prabhakar:2015:DCP</b></div> <p>[152] Pavithra Prabhakar, Vladimeros Vladimerou, Mahesh Viswanathan, and Geir Dullerud. A decidable class of planar linear hybrid systems. <i>Theoretical Computer Science</i>, 574(??):1–17, April 6, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397514008615">http://www.sciencedirect.com/science/article/pii/S0304397514008615</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Esik:2015:FPT</b></div> <p>[153] Zoltán Ésik and Panos Rondogiannis. A fixed point theorem for non-monotonic functions. <i>Theoretical Computer Science</i>, 574(??):18–38, April 6, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515000687">http://www.sciencedirect.com/science/article/pii/S0304397515000687</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Matsikoudis:2015:FPT</b></div> <p>[154] Eleftherios Matsikoudis and Edward A. Lee. The fixed-point theory of strictly causal functions. <i>Theoretical Computer Science</i>, 574(??):39–77, April 6, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515000729">http://www.sciencedirect.com/science/article/pii/S0304397515000729</a>.</p> | <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Zhang:2015:IQP</b></div> <p>[155] Wenfeng Zhang and Xiaoquan Xu. <math>s_2</math>-Quasicontinuous posets. <i>Theoretical Computer Science</i>, 574(??):78–85, April 6, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515000730">http://www.sciencedirect.com/science/article/pii/S0304397515000730</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Bezem:2015:KMS</b></div> <p>[156] Marc Bezem and Thierry Coquand. A Kripke model for simplicial sets. <i>Theoretical Computer Science</i>, 574(??):86–91, April 6, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515000717">http://www.sciencedirect.com/science/article/pii/S0304397515000717</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Anonymous:2015:EBap</b></div> <p>[157] Anonymous. Editorial Board. <i>Theoretical Computer Science</i>, 575(??):iii–ix, April 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515001814">http://www.sciencedirect.com/science/article/pii/S0304397515001814</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Pal:2015:GEF</b></div> <p>[158] Sudebkumar Prasant Pal and Kunihiko Sadakane. Guest Editors’ foreword. <i>Theoretical Computer Science</i>, 575(??):1–2, April 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515001887">http://www.sciencedirect.com/science/article/pii/S0304397515001887</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Fujita:2015:OSB</b></div> <p>[159] Satoshi Fujita. Optimal serial broadcast of successive chunks. <i>Theo-</i></p> |
|---|--|

- Theoretical Computer Science*, 575(??):3–9, April 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009517>.
- Shinn:2015:VBP**
- [160] Tong-Wook Shinn and Tadao Takaoka. Variations on the bottleneck paths problem. *Theoretical Computer Science*, 575(??):10–16, April 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751400841X>.
- Ghosh:2015:SRP**
- [161] Subir Kumar Ghosh and Bodhayan Roy. Some results on point visibility graphs. *Theoretical Computer Science*, 575(??):17–32, April 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008342>.
- Bhushan:2015:EAM**
- [162] Alka Bhushan and G. Sajith. I/O efficient algorithms for the minimum cut problem on unweighted undirected graphs. *Theoretical Computer Science*, 575(??):33–41, April 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008354>.
- Akl:2015:CCP**
- [163] Selim Akl, Robert Benkoczi, Daya Ram Gaur, Hossam Hassanein, Shahadat Hossain, and Mark Thom. On a class of covering problems with variable capacities in wireless networks. *Theoretical Computer Science*, 575(??):42–55, April 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008366>.
- Narayanaswamy:2015:MAS**
- [164] N. S. Narayanaswamy and G. Ramakrishna. On minimum average stretch spanning trees in polygonal 2-trees. *Theoretical Computer Science*, 575(??):56–70, April 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009566>.
- Angelini:2015:ASP**
- [165] Patrizio Angelini, Giordano Da Lozzo, and Daniel Neuwirth. Advancements on SEFE and Partitioned Book Embedding problems. *Theoretical Computer Science*, 575(??):71–89, April 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008597>.
- Cho:2015:ANO**
- [166] Da-Jung Cho, Yo-Sub Han, and Hwee Kim. Alignment with non-overlapping inversions and translocations on two strings. *Theoretical Computer Science*, 575(??):90–101, April 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008287>.

- |   |  |
|---|--|
| <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Anonymous:2015:EBaq</b></div> <p>[167] Anonymous. Editorial Board. <i>Theoretical Computer Science</i>, 576(??):iii–ix, April 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515002066">http://www.sciencedirect.com/science/article/pii/S0304397515002066</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Subramani:2015:FCH</b></div> <p>[168] K. Subramani and James Worthington. Feasibility checking in Horn constraint systems through a reduction based approach. <i>Theoretical Computer Science</i>, 576(??):1–17, April 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397514010159">http://www.sciencedirect.com/science/article/pii/S0304397514010159</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Fountoulakis:2015:ACC</b></div> <p>[169] Nikolaos Fountoulakis, Tobias Friedrich, and Danny Hermelin. On the average-case complexity of parameterized clique. <i>Theoretical Computer Science</i>, 576(??):18–29, April 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515000894">http://www.sciencedirect.com/science/article/pii/S0304397515000894</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Cheng:2015:MPC</b></div> <p>[170] Eddie Cheng, Robert Connolly, and Christopher Melekian. Matching preclusion and conditional matching preclusion problems for the folded Petersen cube. <i>Theoretical Computer Science</i>, 576(??):30–44, April 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515000936">http://www.sciencedirect.com/science/article/pii/S0304397515000936</a>.</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Wang:2015:CNC</b></div> <p>[171] Farn Wang, Sven Schewe, and Jung-Hsuan Wu. Complexity of node coverage games. <i>Theoretical Computer Science</i>, 576(??):45–60, April 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515000997">http://www.sciencedirect.com/science/article/pii/S0304397515000997</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Kakimura:2015:FPT</b></div> <p>[172] Naonori Kakimura and Kenichi Kawarabayashi. Fixed-parameter tractability for subset feedback set problems with parity constraints. <i>Theoretical Computer Science</i>, 576(??):61–76, April 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515001012">http://www.sciencedirect.com/science/article/pii/S0304397515001012</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Buss:2015:QSP</b></div> <p>[173] Sam Buss. Quasipolynomial size proofs of the propositional pigeonhole principle. <i>Theoretical Computer Science</i>, 576(??):77–84, April 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515001024">http://www.sciencedirect.com/science/article/pii/S0304397515001024</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Klavík:2015:EPR</b></div> <p>[174] Pavel Klavík, Jan Kratochvíl, Yota Otachi, and Toshiki Saitoh. Extending partial representations of subclasses of chordal graphs. <i>Theoretical Computer Science</i>, 576(??):85–101, April 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515000951">http://www.sciencedirect.com/science/article/pii/S0304397515000951</a>.</p> |
|---|--|

- //www.sciencedirect.com/science/article/pii/S0304397515001048.
- Fellows:2015:THF**
- [175] Michael R. Fellows, Uéverton dos Santos Souza, Fábio Protti, and Maise Dantas da Silva. Tractability and hardness of flood-filling games on trees. *Theoretical Computer Science*, 576(??):102–116, April 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500105X>.
- Anonymous:2015:EBar**
- [176] Anonymous. Editorial Board. *Theoretical Computer Science*, 577(??):iii–ix, April 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002303>.
- Popescu:2015:TGL**
- [177] Andrei Popescu and Grigore Rosu. Term-generic logic. *Theoretical Computer Science*, 577(??):1–24, April 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000948>.
- Janota:2015:EBQ**
- [178] Mikolás Janota and Joao Marques-Silva. Expansion-based QBF solving versus  $Q$ -resolution. *Theoretical Computer Science*, 577(??):25–42, April 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500095X>.
- Sevgnani:2015:BS**
- [179] Michele Sevgnani and Muffy Calder. Bigraphs with sharing. *Theoretical Computer Science*, 577(??):43–73, April 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001085>.
- Preda:2015:UMA**
- [180] Mila Dalla Preda, Roberto Giacobazzi, and Saumya Debray. Unveiling metamorphism by abstract interpretation of code properties. *Theoretical Computer Science*, 577(??):74–97, April 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001541>.
- Schmidt-Schauss:2015:OPC**
- [181] Manfred Schmidt-Schauß, David Sabel, Joachim Niehren, and Jan Schwinghammer. Observational program calculi and the correctness of translations. *Theoretical Computer Science*, 577(??):98–124, April 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001577>.
- Li:2015:SAP**
- [182] Qin Li and Zhe Dang. Sampling automata and programs. *Theoretical Computer Science*, 577(??):125–140, April 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002169>.

- Anonymous:2015:EBas**
- [183] Anonymous. Editorial Board. *Theoretical Computer Science*, 578(?): iii–ix, May 3, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002522>.
- Konstantinidis:2015:IAA**
- [184] Stavros Konstantinidis. Implementation and application of automata (CIAA 2013). *Theoretical Computer Science*, 578(?): 1, May 3, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002595>.
- Balkanski:2015:SCP**
- [185] Eric Balkanski, F. Blanchet-Sadri, Matthew Kilgore, and B. J. Wyatt. On the state complexity of partial word DFAs. *Theoretical Computer Science*, 578(?):2–12, May 3, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000481>.
- Caralp:2015:TVP**
- [186] Mathieu Caralp, Pierre-Alain Reynier, and Jean-Marc Talbot. Trimming visibly pushdown automata. *Theoretical Computer Science*, 578(?): 13–29, May 3, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000456>.
- I:2015:CAD**
- [187] Tomohiro I., Takaaki Nishimoto, Shunsuke Inenaga, Hideo Bannai, and Masayuki Takeda. Compressed automata for dictionary matching. *Theoretical Computer Science*, 578(?): 30–41, May 3, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000468>.
- Jirasek:2015:BRL**
- [188] Jozef Jirásek and Galina Jirásková. On the boundary of regular languages. *Theoretical Computer Science*, 578(?):42–57, May 3, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000493>.
- Kutrib:2015:DID**
- [189] Martin Kutrib, Andreas Malcher, Carlo Mereghetti, Beatrice Palano, and Matthias Wendlandt. Deterministic input-driven queue automata: Finite turns, decidability, and closure properties. *Theoretical Computer Science*, 578(?):58–71, May 3, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000390>.
- Maletti:2015:HOD**
- [190] Andreas Maletti. Hyper-optimization for deterministic tree automata. *Theoretical Computer Science*, 578(?): 72–87, May 3, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000479>.

- //www.sciencedirect.com/science/article/pii/S030439751500047X.
- Otto:2015:LCC**
- [191] Friedrich Otto and Frantisek Mráz. Lambda-confluence for context rewriting systems. *Theoretical Computer Science*, 578(?):88–99, May 3, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000405>.
- Debarbieux:2015:ENW**
- [192] Denis Debarbieux, Olivier Gauwin, Joachim Niehren, Tom Sebastian, and Mohamed Zergaoui. Early nested word automata for XPath query answering on XML streams. *Theoretical Computer Science*, 578(?):100–125, May 3, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000444>.
- Anonymous:2015:EBat**
- [193] Anonymous. Editorial Board. *Theoretical Computer Science*, 579(?):iii–ix, May 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500273X>.
- Dobson:2015:GLP**
- [194] M. P. Dobson, E. Hinrichsen, and V. Leoni. Generalized limited packings of some graphs with a limited number of  $P_4$ -partners. *Theoretical Computer Science*, 579(?):1–8, May 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001036>.
- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514008573>.
- Johnson:2015:SSD**
- [195] Taylor T. Johnson and Sayan Mitra. Safe and stabilizing distributed multi-path cellular flows. *Theoretical Computer Science*, 579(?):9–32, May 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500050X>.
- Dekhtyar:2015:CDG**
- [196] Michael Dekhtyar, Alexander Dikovsky, and Boris Karlov. Categorial dependency grammars. *Theoretical Computer Science*, 579(?):33–63, May 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000900>.
- Dobrev:2015:CBC**
- [197] Stefan Dobrev, Stephane Durocher, Mohsen Eftekhari, Konstantinos Georgiou, Evangelos Kranakis, Danny Krizanc, Lata Narayanan, Jaroslav Opatrny, Sunil Shende, and Jorge Urrutia. Complexity of barrier coverage with relocatable sensors in the plane. *Theoretical Computer Science*, 579(?):64–73, May 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001036>.

- Bermond:2015:FDP**
- [198] Jean-Claude Bermond, David Coudert, Gianlorenzo D’Angelo, and Fatima Zahra Moataz. Finding disjoint paths in networks with star shared risk link groups. *Theoretical Computer Science*, 579(??):74–87, May 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001097>.
- Guha:2015:FAT**
- [199] Ashwin Guha and Ambedkar Dukkipati. A faster algorithm for testing polynomial representability of functions over finite integer rings. *Theoretical Computer Science*, 579(??):88–99, May 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001103>.
- Lee:2015:SAS**
- [200] Kwangsu Lee, Dong Hoon Lee, and Moti Yung. Sequential aggregate signatures with short public keys without random oracles. *Theoretical Computer Science*, 579(??):100–125, May 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001164>.
- Bampis:2015:GSF**
- [201] Evripidis Bampis, Dimitrios Letsios, and Giorgio Lucarelli. Green scheduling, flows and matchings. *Theoretical Computer Science*, 579(??):126–136, May 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001176>.
- Anonymous:2015:EBau**
- [202] Anonymous. Editorial Board. *Theoretical Computer Science*, 580(??):iii–ix, May 17, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002844>.
- Gritti:2015:PPE**
- [203] Clémentine Gritti, Willy Susilo, Thomas Plantard, and Khin Than Win. Privacy-preserving encryption scheme using DNA parentage test. *Theoretical Computer Science*, 580(??):1–13, May 17, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001188>.
- Muller:2015:GLS**
- [204] Johannes Müller and Hengrui Jiang. Graphical limit sets for general cellular automata. *Theoretical Computer Science*, 580(??):14–27, May 17, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001528>.
- Xie:2015:SGU**
- [205] Fang Xie, Zhe Xu, Yuzhong Zhang, and Qingguo Bai. Scheduling games on uniform machines with activation cost. *Theoretical Computer Science*,

- 580(??):28–35, May 17, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500153X>.
- Ji:2015:SMB**
- [206] Min Ji, Qinyun Yang, Danli Yao, and T. C. E. Cheng. Single-machine batch scheduling of linear deteriorating jobs. *Theoretical Computer Science*, 580(??):36–49, May 17, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001553>.
- Bu:2015:BCP**
- [207] Yuehua Bu and Xudong Bao. Backbone coloring of planar graphs for  $C_8$ -free or  $C_9$ -free. *Theoretical Computer Science*, 580(??):50–58, May 17, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001565>.
- Yang:2015:EBS**
- [208] Yu Yang, Hongbo Liu, Hua Wang, and Scott Makeig. Enumeration of BC-subtrees of trees. *Theoretical Computer Science*, 580(??):59–74, May 17, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001589>.
- Damaschke:2015:FEL**
- [209] Peter Damaschke. Finding and enumerating large intersections. *Theoretical Computer Science*, 580(??):75–82, May 17, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500170X>.
- Istrate:2015:RRM**
- [210] Gabriel Istrate. Reachability and recurrence in a modular generalization of annihilating random walks (and lights-out games) to hypergraphs. *Theoretical Computer Science*, 580(??):83–93, May 17, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001711>.
- Braunschvig:2015:FTA**
- [211] Gilad Braunschvig, Shiri Chechik, David Peleg, and Adam Sealfon. Fault tolerant additive and  $(\mu, \alpha)$ -spanners. *Theoretical Computer Science*, 580(??):94–100, May 17, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001723>.
- Amini:2015:NDG**
- [212] Omid Amini, David Coudert, and Nicolas Nisse. Non-deterministic graph searching in trees. *Theoretical Computer Science*, 580(??):101–121, May 17, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001747>.
- Anonymous:2015:EBav**
- [213] Anonymous. Editorial Board. *Theoretical Computer Science*, 581(??):iii–ix, May 24, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001723>.

- TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002996>.
- Kamae:2015:CEP**
- [214] Teturo Kamae and Dong Han Kim. A characterization of eventual periodicity. *Theoretical Computer Science*, 581(??):1–8, May 24, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001759>.
- DArco:2015:APN**
- [215] Paolo D’Arco and Alfredo De Santis. Anonymous protocols: Notions and equivalence. *Theoretical Computer Science*, 581(??):9–25, May 24, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001917>.
- deLuca:2015:SWS**
- [216] Aldo de Luca and Alessandro De Luca. Sturmian words and the Stern sequence. *Theoretical Computer Science*, 581(??):26–44, May 24, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001929>.
- Sarma:2015:DCD**
- [217] Atish Das Sarma, Anisur Rahaman Molla, and Gopal Pandurangan. Distributed computation in dynamic networks via random walks. *Theoretical Computer Science*, 581(??):45–66, May 24, 2015. CODEN
- TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001930>.
- Jonsson:2015:CNI**
- [218] Peter Jonsson, Victor Lagerkvist, and Gustav Nordh. Constructing NP-intermediate problems by blowing holes with parameters of various properties. *Theoretical Computer Science*, 581(??):67–82, May 24, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002133>.
- Giannakopoulos:2015:BOR**
- [219] Yiannis Giannakopoulos. Bounding the optimal revenue of selling multiple goods. *Theoretical Computer Science*, 581(??):83–96, May 24, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002145>.
- Durocher:2015:LSD**
- [220] Stephane Durocher, Hicham El-Zein, J. Ian Munro, and Sharma V. Thankachan. Low space data structures for geometric range mode query. *Theoretical Computer Science*, 581(??):97–101, May 24, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002157>.
- Anonymous:2015:EBaw**
- [221] Anonymous. Editorial Board. *Theoretical Computer Science*, 582(??):iii–ix, May 31, 2015. CODEN

- TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003321>.
- Barton:2015:GLS**
- [222] Carl Barton, Tomás Flouri, Costas S. Iliopoulos, and Solon P. Pissis. Global and local sequence alignment with a bounded number of gaps. *Theoretical Computer Science*, 582(??):1–16, May 31, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002200>.
- Harutyunyan:2015:LTA**
- [223] Ararat Harutyunyan and Sylvain Legay. Linear time algorithms for weighted offensive and powerful alliances in trees. *Theoretical Computer Science*, 582(??):17–26, May 31, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002236>.
- Dereniowski:2015:DVS**
- [224] Dariusz Dereniowski, Adrian Kosowski, and Dominik Pajak. Distinguishing views in symmetric networks: a tight lower bound. *Theoretical Computer Science*, 582(??):27–34, May 31, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002248>.
- Ho:2015:ETE**
- [225] Nhan Bao Ho. On the expansion of three-element subtraction sets. *Theoretical Computer Science*, 582(??):35–47, May 31, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002418>.
- Song:2015:FTD**
- [226] Sulin Song, Xiaoyan Li, Shuming Zhou, and Mi Chen. Fault tolerance and diagnosability of burnt pancake networks under the comparison model. *Theoretical Computer Science*, 582(??):48–59, May 31, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002431>.
- Teh:2015:CWP**
- [227] Wen Chean Teh and Kiam Heong Kwa. Core words and Parikh matrices. *Theoretical Computer Science*, 582(??):60–69, May 31, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002649>.
- Ilic:2015:VCD**
- [228] Aleksandar Ilić. On the variable common due date, minimal tardy jobs bicriteria two-machine flow shop problem with ordered machines. *Theoretical Computer Science*, 582(??):70–73, May 31, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500239X>.

- |   |  |
|---|--|
| <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Larsen:2015:HSS</b></div> <p>[229] Kasper Green Larsen, J. Ian Munro, Jesper Sindahl Nielsen, and Sharma V. Thankachan. On hardness of several string indexing problems. <i>Theoretical Computer Science</i>, 582(??):74–82, May 31, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S030439751500242X">http://www.sciencedirect.com/science/article/pii/S030439751500242X</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Grytczuk:2015:HPT</b></div> <p>[230] Jaroslaw Grytczuk, Karol Kosiński, and Michał Zmarz. How to play Thue games. <i>Theoretical Computer Science</i>, 582(??):83–88, May 31, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515002637">http://www.sciencedirect.com/science/article/pii/S0304397515002637</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Anonymous:2015:EBax</b></div> <p>[231] Anonymous. Editorial Board. <i>Theoretical Computer Science</i>, ??(??):iii–ix, ????. 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S030439751500345X">http://www.sciencedirect.com/science/article/pii/S030439751500345X</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Richard:2015:FPT</b></div> <p>[232] Adrien Richard. Fixed point theorems for Boolean networks expressed in terms of forbidden subnetworks. <i>Theoretical Computer Science</i>, 583(??):1–26, ????. 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515002650">http://www.sciencedirect.com/science/article/pii/S0304397515002650</a>.</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Sun:2015:CAO</b></div> <p>[233] Shu-Ming Sun and Ning Zhong. Computability aspects for 1st-order partial differential equations via characteristics. <i>Theoretical Computer Science</i>, 583(??):27–39, ????. 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515002662">http://www.sciencedirect.com/science/article/pii/S0304397515002662</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Kim:2015:NRG</b></div> <p>[234] Changwook Kim and Mahiro Ando. Node replacement graph grammars with dynamic node relabeling. <i>Theoretical Computer Science</i>, 583(??):40–50, ????. 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515002674">http://www.sciencedirect.com/science/article/pii/S0304397515002674</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Chan:2015:FMR</b></div> <p>[235] Timothy M. Chan, J. Ian Munro, and Venkatesh Raman. Finding median in read-only memory on integer input. <i>Theoretical Computer Science</i>, 583(??):51–56, ????. 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515002893">http://www.sciencedirect.com/science/article/pii/S0304397515002893</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Li:2015:SMB</b></div> <p>[236] Shisheng Li, T. C. E. Cheng, C. T. Ng, and Jinjiang Yuan. Single-machine batch scheduling with job processing time compatibility. <i>Theoretical Computer Science</i>, 583(??):57–66, ????. 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515002894">http://www.sciencedirect.com/science/article/pii/S0304397515002894</a>.</p> |
|---|--|

- //www.sciencedirect.com/science/article/pii/S030439751500290X.
- Chen:2015:PSI**
- [237] Youjun Chen, Lingfa Lu, and Jinjiang Yuan. Preemptive scheduling on identical machines with delivery coordination to minimize the maximum delivery completion time. *Theoretical Computer Science*, 583(??):67–77, ???? 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002935>.
- Garcia:2015:DMD**
- [238] Pedro García, Damián López, and Manuel Vázquez de Parga. DFA minimization: Double reversal versus split minimization algorithms. *Theoretical Computer Science*, 583(??):78–85, ???? 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003084>.
- DeStefani:2015:ENC**
- [239] Lorenzo De Stefani and Francesco Silvestri. Exploiting non-constant safe memory in resilient algorithms and data structures. *Theoretical Computer Science*, 583(??):86–97, ???? 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003096>.
- Anonymous:2015:EBay**
- [240] Anonymous. Editorial Board. *Theoretical Computer Science*, 584(??): iii–ix, June 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003606>.
- Moscibroda:2015:GES**
- [241] Thomas Moscibroda and Adele A. Rescigno. Guest editorial: Special issue on Structural Information and Communication Complexity. *Theoretical Computer Science*, 584(??):1–2, June 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003667>.
- Hegde:2015:SOF**
- [242] Nidhi Hegde, Laurent Massoulié, and Laurent Viennot. Self-organizing flows in social networks. *Theoretical Computer Science*, 584(??):3–18, June 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001152>.
- Clementi:2015:DCD**
- [243] Andrea Clementi, Miriam Di Ianni, Giorgio Gambosi, Emanuele Natale, and Riccardo Silvestri. Distributed community detection in dynamic graphs. *Theoretical Computer Science*, 584(??):19–41, June 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009402>.

**Levi:2015:NAT**

- [244] Amir Levi and Boaz Patt-Shamir. Non-additive two-option ski rental. *Theoretical Computer Science*, 584(??):42–52, June 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000742>.

**Gargano:2015:IDS**

- [245] Luisa Gargano, Pavol Hell, Joseph G. Peters, and Ugo Vaccaro. Influence diffusion in social networks under time window constraints. *Theoretical Computer Science*, 584(??):53–66, June 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001127>.

**Kniesburges:2015:DWC**

- [246] Sebastian Kniesburges, Andreas Koutsopoulos, and Christian Scheideler. A deterministic worst-case message complexity optimal solution for resource discovery. *Theoretical Computer Science*, 584(??):67–79, June 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009414>.

**Coulouma:2015:COM**

- [247] Étienne Coulouma, Emmanuel Godard, and Joseph Peters. A characterization of oblivious message adversaries for which consensus is solvable. *Theoretical Computer Science*, 584(??):80–90, June 13, 2015. CODEN

TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000602>.

**Avin:2015:SAG**

- [248] Chen Avin, Michael Borokhovich, Bernhard Haeupler, and Zvi Lotker. Self-adjusting grid networks to minimize expected path length. *Theoretical Computer Science*, 584(??):91–102, June 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009542>.

**Daltrophe:2015:PCT**

- [249] Hadassa Daltrophe, Shlomi Dolev, and Zvi Lotker. Probabilistic connectivity threshold for directional antenna widths. *Theoretical Computer Science*, 584(??):103–114, June 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002443>.

**Metivier:2015:AFD**

- [250] Y. Métivier, J. M. Robson, and A. Zemmari. Analysis of fully distributed splitting and naming probabilistic procedures and applications. *Theoretical Computer Science*, 584(??):115–130, June 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001139>.

- |  |  |
|--|--|
| <div style="border: 1px solid black; padding: 2px; text-align: center;"><b>Giroire:2015:CSG</b></div> <p>[251] F. Giroire, I. Lamprou, D. Mazauric, N. Nisse, S. Pérennes, and R. Soares. Connected surveillance game. <i>Theoretical Computer Science</i>, 584(??):131–143, June 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397514009396">http://www.sciencedirect.com/science/article/pii/S0304397514009396</a>.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;"><b>Even:2015:NAP</b></div> <p>[252] Guy Even and Moti Medina. A non-monotone analysis with the primal-dual approach: Online routing of virtual circuits with unknown durations. <i>Theoretical Computer Science</i>, 584(??):144–154, June 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397514007841">http://www.sciencedirect.com/science/article/pii/S0304397514007841</a>.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;"><b>Anantharamu:2015:BAH</b></div> <p>[253] Lakshmi Anantharamu and Bogdan S. Chlebus. Broadcasting in ad hoc multiple access channels. <i>Theoretical Computer Science</i>, 584(??):155–176, June 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515002613">http://www.sciencedirect.com/science/article/pii/S0304397515002613</a>.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;"><b>Anonymous:2015:EBaz</b></div> <p>[254] Anonymous. Editorial Board. <i>Theoretical Computer Science</i>, 585(??):iii–ix, June 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515003825">http://www.sciencedirect.com/science/article/pii/S0304397515003825</a>.</p> | <div style="border: 1px solid black; padding: 2px; text-align: center;"><b>DalLago:2015:DIC</b></div> <p>[255] Ugo Dal Lago and Guillaume Bonfante. Developments in Implicit Complexity (DICE 2012). <i>Theoretical Computer Science</i>, 585(??):1–2, June 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515001942">http://www.sciencedirect.com/science/article/pii/S0304397515001942</a>.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;"><b>Avanzini:2015:NOT</b></div> <p>[256] Martin Avanzini, Naohi Eguchi, and Georg Moser. A new order-theoretic characterisation of the polytime computable functions. <i>Theoretical Computer Science</i>, 585(??):3–24, June 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515001966">http://www.sciencedirect.com/science/article/pii/S0304397515001966</a>.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;"><b>Bonfante:2015:RNN</b></div> <p>[257] Guillaume Bonfante, Florian Deloup, and Antoine Henrot. Real or natural number interpretation and their effect on complexity. <i>Theoretical Computer Science</i>, 585(??):25–40, June 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515001978">http://www.sciencedirect.com/science/article/pii/S0304397515001978</a>.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;"><b>Feree:2015:CPT</b></div> <p>[258] Hugo Féree, Emmanuel Hainry, Mathieu Hoyrup, and Romain Péchoux. Characterizing polynomial time complexity of stream programs using interpretations. <i>Theoretical Computer Science</i>, 585(??):41–54,</p> |
|--|--|

- June 20, 2015. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002017>.
- Brunel:2015:RML**
- [259] Aloïs Brunel and Marco Gaboardi. Realizability models for a linear dependent PCF. *Theoretical Computer Science*, 585(??):55–70, June 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500198X>.
- Deng:2015:PEL**
- [260] Yuxin Deng and Yu Zhang. Program equivalence in linear contexts. *Theoretical Computer Science*, 585(??):71–90, June 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001991>.
- Albert:2015:MDI**
- [261] Elvira Albert, Jesús Correas, Germán Puebla, and Guillermo Román-Díez. A multi-domain incremental analysis engine and its application to incremental resource analysis. *Theoretical Computer Science*, 585(??):91–114, June 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001954>.
- Eberhard:2015:ATL**
- [262] Sebastian Eberhard. Applicative theories for logarithmic complexity classes. *Theoretical Computer Science*, 585(??):115–135, June 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002005>.
- Anonymous:2015:EBba**
- [263] Anonymous. Editorial Board. *Theoretical Computer Science*, 586(??):iii–ix, June 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004041>.
- Widmayer:2015:FA**
- [264] Peter Widmayer. FUN with algorithms. *Theoretical Computer Science*, 586(??):1, June 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004119>.
- Brand:2015:NEP**
- [265] Michael Brand. No easy puzzles: Hardness results for jigsaw puzzles. *Theoretical Computer Science*, 586(??):2–11, June 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001607>.
- Chen:2015:NCC**
- [266] Ke Chen and Adrian Dumitrescu. Non-convex cases for carpenter’s rulers. *Theoretical Computer Science*, 586(??):12–25, June 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001619>.

**Fertin:2015:TAG**

- [267] Guillaume Fertin, Shahrad Jamshidi, and Christian Komusiewicz. Towards an algorithmic guide to spiral galaxies. *Theoretical Computer Science*, 586(??):26–39, June 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001620>.

**Cicalese:2015:SIW**

- [268] Ferdinando Cicalese, Gennaro Cor dasco, Luisa Gargano, Martin Milanic, Joseph Peters, and Ugo Vaccaro. Spread of influence in weighted networks under time and budget constraints. *Theoretical Computer Science*, 586(??):40–58, June 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001632>.

**Borassi:2015:FDR**

- [269] Michele Borassi, Pierluigi Crescenzi, Michel Habib, Walter A. Kosters, Andrea Marino, and Frank W. Takes. Fast diameter and radius BFS-based computation in (weakly connected) real-world graphs: With an application to the six degrees of separation games. *Theoretical Computer Science*, 586(??):59–80, June 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001644>.

**Yamanaka:2015:SLT**

- [270] Katsuhisa Yamanaka, Erik D. Demaine, Takehiro Ito, Jun Kawahara,

Masashi Kiyomi, Yoshio Okamoto, Toshiki Saitoh, Akira Suzuki, Kei Uchizawa, and Takeaki Uno. Swapping labeled tokens on graphs. *Theoretical Computer Science*, 586(??):81–94, June 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001656>.

**Georgiou:2015:EMC**

- [271] Konstantinos Georgiou, Evangelos Kranakis, and Danny Krizanc. Excuse me! or the courteous theatregoers’ problem. *Theoretical Computer Science*, 586(??):95–110, June 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001668>.

**Demaine:2015:FFA**

- [272] Erik D. Demaine and Martin L. Demaine. Fun with fonts: Algorithmic typography. *Theoretical Computer Science*, 586(??):111–119, June 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500167X>.

**Viglietta:2015:LPC**

- [273] Giovanni Viglietta. Lemmings is PSPACE-complete. *Theoretical Computer Science*, 586(??):120–134, June 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001681>.

**Aloupis:2015:CNG**

- [274] Greg Aloupis, Erik D. Demaine, Alan Guo, and Giovanni Viglietta. Classic Nintendo games are (computationally) hard. *Theoretical Computer Science*, 586(??):135–160, June 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001735>.

**Kostitsyna:2015:OAC**

- [275] Irina Kostitsyna, Maarten Löffler, and Valentin Polishchuk. Optimizing airspace closure with respect to politicians’ egos. *Theoretical Computer Science*, 586(??):161–175, June 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003217>.

**Anonymous:2015:EBbb**

- [276] Anonymous. Editorial Board. *Theoretical Computer Science*, 587(??):iii–ix, July 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004326>.

**Giannini:2015:IBC**

- [277] Paola Giannini, Emanuela Merelli, and Angelo Troina. Interactions between computer science and biology. *Theoretical Computer Science*, 587(??):1–2, July 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004399>.

**Bartocci:2015:SDS**

- [278] Ezio Bartocci, Luca Bortolussi, Laura Nenzi, and Guido Sanguinetti. System design of stochastic models using robustness of temporal properties. *Theoretical Computer Science*, 587(??):3–25, July 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002224>.

**Casagrande:2015:UBS**

- [279] Alberto Casagrande and Carla Piazza. Unwinding biological systems. *Theoretical Computer Science*, 587(??):26–48, July 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002212>.

**Angius:2015:AAB**

- [280] Alessio Angius, Gianfranco Balbo, Marco Beccuti, Enrico Bibbona, Andras Horvath, and Roberta Sirovich. Approximate analysis of biological systems by hybrid switching jump diffusion. *Theoretical Computer Science*, 587(??):49–72, July 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002194>.

**Bodei:2015:CSA**

- [281] Chiara Bodei, Roberta Gori, and Francesca Levi. Causal static analysis for brane calculi. *Theoretical Computer Science*, 587(??):73–103, July 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print),

- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002182>.
- Pardini:2015:CIB**
- [282] Giovanni Pardini, Paolo Milazzo, and Andrea Maggiolo-Schettini. Component identification in biochemical pathways. *Theoretical Computer Science*, 587(??):104–124, July 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002170>.
- Anonymous:2015:EBbc**
- [283] Anonymous. Editorial Board. *Theoretical Computer Science*, 588(??): iii–ix, July 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004466>.
- Anonymous:2015:PSI**
- [284] Anonymous. Preface for the special issue on Theory and Applications of Models of Computation. *Theoretical Computer Science*, 588(??):1, July 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500448X>.
- Lattimore:2015:MLN**
- [285] Tor Lattimore and Marcus Hutter. On Martin-Löf (non-)convergence of Solomonoff’s universal mixture. *Theoretical Computer Science*, 588(??): 2–15, July 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003734>.
- Okhotin:2015:INF**
- [286] Raghav Kulkarni, Youming Qiao, and Xiaoming Sun. Any monotone property of 3-uniform hypergraphs is weakly evasive. *Theoretical Computer Science*, 588(??):16–23, July 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751400855X>.
- Kulkarni:2015:MPU**
- [287] Yuya Higashikawa, John Augustine, Siu-Wing Cheng, Mordecai J. Golin, Naoki Katoh, Guanqun Ni, Bing Su, and Yinfeng Xu. Minimax regret 1-sink location problem in dynamic path networks. *Theoretical Computer Science*, 588(??):24–36, July 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514001030>.
- Agarwal:2015:MUA**
- [288] Manu Agarwal, Ragesh Jaiswal, and Arindam Pal.  $k$ -means++ under approximation stability. *Theoretical Computer Science*, 588(??):37–51, July 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003734>.
- Higashikawa:2015:MRS**
- [289] Alexander Okhotin. Improved normal form for grammars with one-sided contexts. *Theoretical Computer Science*,

- 588(??):52–72, July 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002686>.
- Badkobeh:2015:CSB**
- [290] Golnaz Badkobeh and Pascal Ochem. Characterization of some binary words with few squares. *Theoretical Computer Science*, 588(??):73–80, July 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002911>.
- Hon:2015:MIS**
- [291] Wing-Kai Hon, Ton Kloks, Ching-Hao Liu, Hsiang-Hsuan Liu, Sheung-Hung Poon, and Yue-Li Wang. On maximum independent set of categorical product and ultimate categorical ratios of graphs. *Theoretical Computer Science*, 588(??):81–95, July 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002923>.
- Yang:2015:OCT**
- [292] Boting Yang and William Hamilton. The optimal capture time of the one-cop-moves game. *Theoretical Computer Science*, 588(??):96–113, July 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003126>.
- Bastos:2015:CCR**
- [293] J. Bastos, A. Messaoudi, T. Rodrigues, and D. Smania. A class of cubic Rauzy fractals. *Theoretical Computer Science*, 588(??):114–130, July 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500314X>.
- Duarte:2015:MIM**
- [294] Márcio A. Duarte, Felix Joos, Lucia D. Penso, Dieter Rautenbach, and Uéverton S. Souza. Maximum induced matchings close to maximum matchings. *Theoretical Computer Science*, 588(??):131–137, July 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003072>.
- Anonymous:2015:EBbd**
- [295] Anonymous. Editorial Board. *Theoretical Computer Science*, 589(??):iii–ix, July 19, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004600>.
- Sureson:2015:RRM**
- [296] Claude Sureson. Random reals as measures of natural open sets. *Theoretical Computer Science*, 589(??):1–23, July 19, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003163>.

- Itoh:2015:BMM**
- [297] Toshiya Itoh and Seiji Yoshimoto. Buffer management of multi-queue QoS switches with class segregation. *Theoretical Computer Science*, 589(??):24–33, July 19, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003175>.
- Amir:2015:DMF**
- [298] Amihood Amir, Avivit Levy, Ely Porat, and B. Riva Shalom. Dictionary matching with a few gaps. *Theoretical Computer Science*, 589(??):34–46, July 19, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003187>.
- Kuo:2015:EEL**
- [299] Che-Nan Kuo. Every edge lies on cycles embedding in folded hypercubes with vertex-fault-tolerant. *Theoretical Computer Science*, 589(??):47–52, July 19, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003199>.
- Caragiannis:2015:IAK**
- [300] Ioannis Caragiannis, Aris Filos-Ratsikas, and Ariel D. Procaccia. An improved 2-agent kidney exchange mechanism. *Theoretical Computer Science*, 589(??):53–60, July 19, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003205>.
- Anthony:2015:PAC**
- [301] Martin Anthony and Joel Ratsaby. A probabilistic approach to case-based inference. *Theoretical Computer Science*, 589(??):61–75, July 19, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003230>.
- Binucci:2015:FPP**
- [302] Carla Binucci, Emilio Di Giacomo, Walter Didimo, Fabrizio Montecchiani, Maurizio Patrignani, Antonios Symvonis, and Ioannis G. Tollis. Fan-planarity: Properties and complexity. *Theoretical Computer Science*, 589(??):76–86, July 19, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003515>.
- Adler:2015:LRW**
- [303] Isolde Adler and Mamadou Moustapha Kanté. Linear rank-width and linear clique-width of trees. *Theoretical Computer Science*, 589(??):87–98, July 19, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003527>.
- Bulteau:2015:CVC**
- [304] Laurent Bulteau, Jiehua Chen, Piotr Faliszewski, Rolf Niedermeier, and Nimrod Talmon. Combinatorial voter control in elections. *Theoretical Computer Science*, 589(??):

- 99–120, July 19, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003540>.
- Gourvès:2015:WCC**
- [305] Laurent Gourvès, Jérôme Monnot, and Lydia Tlilane. Worst case compromises in matroids with applications to the allocation of indivisible goods. *Theoretical Computer Science*, 589(??):121–140, July 19, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003722>.
- ODunlaing:2015:ACC**
- [306] Colm Ó Dúnlaing. An almost-confluent congruential language which is not Church–Rosser congruential. *Theoretical Computer Science*, 589(??):141–146, July 19, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003254>.
- Anonymous:2015:EBbe**
- [307] Anonymous. Editorial Board. *Theoretical Computer Science*, 590(??):iii–ix, July 26, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004867>.
- Gasieniec:2015:FCT**
- [308] Leszek Gasieniec, Russell Martin, Frank Wolter, and Prudence W. H. Wong. Fundamentals of computation theory. *Theoretical Computer Science*, 590(??):1, July 26, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004934>.
- Akutsu:2015:CFL**
- [309] Tatsuya Akutsu, Takeyuki Tamura, Avraham A. Melkman, and Atsuhiro Takasu. On the complexity of finding a largest common subtree of bounded degree. *Theoretical Computer Science*, 590(??):2–16, July 26, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007749>.
- Boyar:2015:CFC**
- [310] Joan Boyar and Magnus Gausdal Find. Cancellation-free circuits in unbounded and bounded depth. *Theoretical Computer Science*, 590(??):17–26, July 26, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514007762>.
- Casteigts:2015:ETV**
- [311] Arnaud Casteigts, Paola Flocchini, Emmanuel Godard, Nicola Santoro, and Masafumi Yamashita. On the expressivity of time-varying graphs. *Theoretical Computer Science*, 590(??):27–37, July 26, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003102>.

- Arvind:2015:IPD**
- [312] V. Arvind, Johannes Köbler, Sebastian Kuhnert, Gaurav Rattan, and Yadu Vasudev. On the isomorphism problem for decision trees and decision lists. *Theoretical Computer Science*, 590(??):38–54, July 26, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000614>.
- Kranakis:2015:CSF**
- [313] Evangelos Kranakis, Fraser MacQuarrie, and Oscar Morales Ponce. Connectivity and stretch factor trade-offs in wireless sensor networks with directional antennae. *Theoretical Computer Science*, 590(??):55–72, July 26, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003916>.
- Kowaluk:2015:NSP**
- [314] Miroslaw Kowaluk and Gabriela Majewska. New sequential and parallel algorithms for computing the  $\beta$ -spectrum. *Theoretical Computer Science*, 590(??):73–85, July 26, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500260G>.
- Chaplick:2015:LCH**
- [315] Steven Chaplick, Jirí Fiala, Pim van ’t Hof, Daniël Paulusma, and Marek Tesar. Locally constrained homomorphisms on graphs of bounded treewidth and bounded degree. *Theoretical Computer Science*, 590(??):86–95, July 26, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500064X>.
- Nikolopoulos:2015:SEB**
- [316] S. Nikolopoulos, P. Panagopoulou, C. Raptopoulos, and P. G. Spirakis. On the structure of equilibria in basic network formation. *Theoretical Computer Science*, 590(??):96–105, July 26, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002455>.
- Barkay:2015:ESN**
- [317] Neta Barkay, Ely Porat, and Bar Shalem. Efficient sampling of non-strict turnstile data streams. *Theoretical Computer Science*, 590(??):106–117, July 26, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000626>.
- Liao:2015:IAA**
- [318] Kewen Liao, Hong Shen, and Longkun Guo. Improved approximation algorithms for constrained fault-tolerant resource allocation. *Theoretical Computer Science*, 590(??):118–128, July 26, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001590>.

- |  |  |
|--|--|
| <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Anta:2015:OPS</b></div> <p>[319] Antonio Fernández Anta, Chryssis Georgiou, Dariusz R. Kowalski, and Elli Zavou. Online parallel scheduling of non-uniform tasks: Trading failures for energy. <i>Theoretical Computer Science</i>, 590(??):129–146, July 26, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515000638">http://www.sciencedirect.com/science/article/pii/S0304397515000638</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Anonymous:2015:EBbf</b></div> <p>[320] Anonymous. Editorial Board. <i>Theoretical Computer Science</i>, 591(??):iii–ix, August 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515005733">http://www.sciencedirect.com/science/article/pii/S0304397515005733</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Nivat:2015:TST</b></div> <p>[321] Maurice Nivat. The true story of TCS. <i>Theoretical Computer Science</i>, 591(??):1–2, August 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515004260">http://www.sciencedirect.com/science/article/pii/S0304397515004260</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Ausiello:2015:TC</b></div> <p>[322] Giorgio Ausiello, Lila Kari, Grzegorz Rozenberg, and Donald Sannella. TCS in the 21st century. <i>Theoretical Computer Science</i>, 591(??):3–4, August 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515004272">http://www.sciencedirect.com/science/article/pii/S0304397515004272</a>.</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Izumi:2015:AMC</b></div> <p>[323] Taisuke Izumi, Tomoko Izumi, Hirotaka Ono, and Koichi Wada. Approximability of minimum certificate dispersal with tree structures. <i>Theoretical Computer Science</i>, 591(??):5–14, August 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515000341">http://www.sciencedirect.com/science/article/pii/S0304397515000341</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Kohler:2015:SSL</b></div> <p>[324] S. Köhler and V. Turau. Self-stabilizing local <math>k</math>-placement of replicas with local minimum variance. <i>Theoretical Computer Science</i>, 591(??):15–27, August 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515003503">http://www.sciencedirect.com/science/article/pii/S0304397515003503</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Dereniowski:2015:SPR</b></div> <p>[325] Dariusz Dereniowski, Hirotaka Ono, Ichiro Suzuki, Lukasz Wrona, Masafumi Yamashita, and Paweł Zyliński. The searchlight problem for road networks. <i>Theoretical Computer Science</i>, 591(??):28–59, August 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515003692">http://www.sciencedirect.com/science/article/pii/S0304397515003692</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Cicalese:2015:CVC</b></div> <p>[326] Ferdinando Cicalese, Martin Milanic, and Romeo Rizzi. On the complexity of the vector connectivity problem. <i>Theoretical Computer Science</i>, 591(??):60–71, August 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print),</p> |
|--|--|

- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003758>.
- Golovach:2015:EGG**
- [327] Petr A. Golovach. Editing to a graph of given degrees. *Theoretical Computer Science*, 591(?):72–84, August 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003771>.
- Meer:2015:GFA**
- [328] Klaus Meer and Ameen Naif. Generalized finite automata over real and complex numbers. *Theoretical Computer Science*, 591(?):85–98, August 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003928>.
- Lin:2015:LTA**
- [329] Ching-Chi Lin and Hai-Lun Tu. A linear-time algorithm for paired-domination on circular-arc graphs. *Theoretical Computer Science*, 591(?):99–105, August 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500393X>.
- Reutenauer:2015:SFS**
- [330] Christophe Reutenauer. Studies on finite Sturmian words. *Theoretical Computer Science*, 591(?):106–133, August 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003941>.
- Barash:2015:TSC**
- [331] Mikhail Barash and Alexander Okhotin. Two-sided context specifications in formal grammars. *Theoretical Computer Science*, 591(?):134–153, August 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003953>.
- Anonymous:2015:EBbg**
- [332] Anonymous. Editorial Board. *Theoretical Computer Science*, 592(?):iii–ix, August 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005952>.
- Chodoriwsky:2015:AAG**
- [333] Jacob Chodoriwsky and Lucia Moura. An adaptive algorithm for group testing for complexes. *Theoretical Computer Science*, 592(?):1–8, August 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003965>.
- Kim:2015:NOI**
- [334] Hwee Kim and Yo-Sub Han. Non-overlapping inversion on strings and languages. *Theoretical Computer Science*, 592(?):9–22, August 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003977>.

- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003990>.
- Kamiya:2015:PES**
- [335] Yuichi Kamiya, Tatsuya Okada, Takeshi Sekiguchi, and Yasunobu Shioota. Power and exponential sums for generalized coding systems by a measure theoretic approach. *Theoretical Computer Science*, 592(?):23–38, August 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004144>.
- Son:2015:GNN**
- [336] Wanbin Son, Sang Won Bae, and Hee-Kap Ahn. Group nearest-neighbor queries in the  $L_1$  plane. *Theoretical Computer Science*, 592(?):39–48, August 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004156>.
- Gaspers:2015:FOP**
- [337] Serge Gaspers, Mikko Koivisto, Mathieu Liedloff, Sebastian Ordyniak, and Stefan Szeider. On finding optimal polytrees. *Theoretical Computer Science*, 592(?):49–58, August 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004168>.
- Beal:2015:EPM**
- [338] Richard Beal and Donald Adjeroh. Efficient pattern matching for RNA secondary structures. *Theoretical Computer Science*, 592(?):59–71, August 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500420X>.
- Uiterwijk:2015:NRD**
- [339] Jos W. H. M. Uiterwijk and Michael Barton. New results for domineering from combinatorial game theory endgame databases. *Theoretical Computer Science*, 592(?):72–86, August 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004211>.
- Conflitti:2015:GCL**
- [340] Alessandro Conflitti and Ricardo Mamede. Gray codes and lexicographical combinatorial generation for nonnesting and sparse nonnesting set partitions. *Theoretical Computer Science*, 592(?):87–96, August 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004259>.
- Bhattacharyya:2015:NAP**
- [341] Rishiraj Bhattacharyya and Pratyay Mukherjee. Non-adaptive programmability of random oracle. *Theoretical Computer Science*, 592(?):97–114, August 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004673>.

- Jez:2015:AGB**
- [342] Artur Jez. Approximation of grammar-based compression via recompression. *Theoretical Computer Science*, 592(??):115–134, August 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004685>.
- Chen:2015:EAO**
- [343] Danny Z. Chen, Jian Li, and Haitao Wang. Efficient algorithms for the one-dimensional  $k$ -center problem. *Theoretical Computer Science*, 592(??):135–142, August 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004697>.
- Catalano:2015:ATO**
- [344] Dario Catalano, Dario Fiore, Rosario Gennaro, and Konstantinos Vamvourellis. Algebraic (trapdoor) one-way functions: Constructions and applications. *Theoretical Computer Science*, 592(??):143–165, August 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004703>.
- Shan:2015:CCH**
- [345] Erfang Shan and Liying Kang. Coloring clique-hypergraphs of graphs with no subdivision of  $K_5$ . *Theoretical Computer Science*, 592(??):166–175, August 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004715>.
- Anonymous:2015:EBbh**
- [346] Anonymous. Editorial Board. *Theoretical Computer Science*, 593(??):iii–ix, August 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006064>.
- Kapron:2015:FNI**
- [347] Bruce Kapron, Lior Malka, and Venkatesh Srinivasan. A framework for non-interactive instance-dependent commitment schemes (NIC). *Theoretical Computer Science*, 593(??):1–15, August 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004727>.
- Rosenbaum:2015:BGE**
- [348] David J. Rosenbaum and Fabian Wagner. Beating the generator-enumeration bound for  $p$ -group isomorphism. *Theoretical Computer Science*, 593(??):16–25, August 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004776>.
- Lintzmayer:2015:AAS**
- [349] Carla Negri Lintzmayer, Guillaume Fertin, and Zanoni Dias. Approximation algorithms for sorting by length-weighted prefix and suffix operations. *Theoretical Computer Science*, 593(??):26–41, August 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004818>.

- |  |  |
|--|--|
| <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Byrka:2015:ICC</b></div> <p>[350] Jaroslaw Byrka, Andreas Karrenbauer, and Laura Sanità. The interval constrained 3-coloring problem. <i>Theoretical Computer Science</i>, 593(??):42–50, August 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515004946">http://www.sciencedirect.com/science/article/pii/S0304397515004946</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Heydrich:2015:DCC</b></div> <p>[351] Sandy Heydrich and Rob van Stee. Dividing connected chores fairly. <i>Theoretical Computer Science</i>, 593(??):51–61, August 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515004958">http://www.sciencedirect.com/science/article/pii/S0304397515004958</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Chang:2015:TCS</b></div> <p>[352] Ching-Lueh Chang and Yuh-Dauh Lyuu. Triggering cascades on strongly connected directed graphs. <i>Theoretical Computer Science</i>, 593(??):62–69, August 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515004971">http://www.sciencedirect.com/science/article/pii/S0304397515004971</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Jiang:2015:Q</b></div> <p>[353] Minghui Jiang, Pedro J. Tejada, and Haitao Wang. Quell. <i>Theoretical Computer Science</i>, 593(??):70–78, August 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515004983">http://www.sciencedirect.com/science/article/pii/S0304397515004983</a>.</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Kumar:2015:NOA</b></div> <p>[354] Gunjan Kumar and Saswata Shannigrahi. New online algorithm for dynamic speed scaling with sleep state. <i>Theoretical Computer Science</i>, 593(??):79–87, August 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515004995">http://www.sciencedirect.com/science/article/pii/S0304397515004995</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Greinecker:2015:ACT</b></div> <p>[355] Florian Greinecker. On the 2-abelian complexity of the Thue–Morse word. <i>Theoretical Computer Science</i>, 593(??):88–105, August 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515005010">http://www.sciencedirect.com/science/article/pii/S0304397515005010</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Huang:2015:SRW</b></div> <p>[356] Yuke Huang and Zhiying Wen. The sequence of return words of the Fibonacci sequence. <i>Theoretical Computer Science</i>, 593(??):106–116, August 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515005022">http://www.sciencedirect.com/science/article/pii/S0304397515005022</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Zhang:2015:AAH</b></div> <p>[357] Peng Zhang and Angsheng Li. Algorithmic aspects of homophily of networks. <i>Theoretical Computer Science</i>, 593(??):117–131, August 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515005058">http://www.sciencedirect.com/science/article/pii/S0304397515005058</a>.</p> |
|--|--|

- |  |  |
|--|--|
| <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Hedetniemi:2015:TOS</b></div> <p>[358] Stephen T. Hedetniemi, David P. Jacobs, and K. E. Kennedy. A theorem of Ore and self-stabilizing algorithms for disjoint minimal dominating sets. <i>Theoretical Computer Science</i>, 593(??):132–138, August 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S030439751500506X">http://www.sciencedirect.com/science/article/pii/S030439751500506X</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Zhang:2015:OIS</b></div> <p>[359] Wenming Zhang, E. Zhang, and Feifeng Zheng. Online (<math>J, K</math>)-search problem and its competitive analysis. <i>Theoretical Computer Science</i>, 593(??):139–145, August 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515005071">http://www.sciencedirect.com/science/article/pii/S0304397515005071</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Zhang:2015:ECF</b></div> <p>[360] Mi-Mi Zhang and Jin-Xin Zhou. On <math>g</math>-extra connectivity of folded hypercubes. <i>Theoretical Computer Science</i>, 593(??):146–153, August 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515005101">http://www.sciencedirect.com/science/article/pii/S0304397515005101</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Yuan:2015:RRA</b></div> <p>[361] Chen Yuan and Haibin Kan. Revisiting a randomized algorithm for the minimum rainbow subgraph problem. <i>Theoretical Computer Science</i>, 593(??):154–159, August 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S030439751500496X">http://www.sciencedirect.com/science/article/pii/S030439751500496X</a>.</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Gordinowicz:2015:PGF</b></div> <p>[362] Przemyslaw Gordinowicz. Planar graph is on fire. <i>Theoretical Computer Science</i>, 593(??):160–164, August 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515005046">http://www.sciencedirect.com/science/article/pii/S0304397515005046</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Biswas:2015:SIR</b></div> <p>[363] Sudip Biswas, Manish Patil, Rahul Shah, and Sharma V. Thankachan. Succinct indexes for reporting discriminating and generic words. <i>Theoretical Computer Science</i>, 593(??):165–173, August 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515005095">http://www.sciencedirect.com/science/article/pii/S0304397515005095</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Anonymous:2015:EBbi</b></div> <p>[364] Anonymous. Editorial Board. <i>Theoretical Computer Science</i>, 594(??):iii–ix, August 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515006180">http://www.sciencedirect.com/science/article/pii/S0304397515006180</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Machado:2015:RBT</b></div> <p>[365] Rodrigo Machado, Leila Ribeiro, and Reiko Heckel. Rule-based transformation of graph rewriting rules: Towards higher-order graph grammars. <i>Theoretical Computer Science</i>, 594(??):1–23, August 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515000705">http://www.sciencedirect.com/science/article/pii/S0304397515000705</a>.</p> |
|--|--|

- Akshay:2015:CCT**
- [366] S. Akshay, Paul Gastin, Madhavan Mukund, and K. Narayan Kumar. Checking conformance for time-constrained scenario-based specifications. *Theoretical Computer Science*, 594(??):24–43, August 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002467>.
- Nasab:2015:PPC**
- [367] A. R. Shir Ali Nasab and S. N. Hosseini. Partial pullback complement rewriting. *Theoretical Computer Science*, 594(??):44–64, August 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003138>.
- Matos:2015:EPR**
- [368] Armando B. Matos. The efficiency of primitive recursive functions: a programmer’s view. *Theoretical Computer Science*, 594(??):65–81, August 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003539>.
- Fulop:2015:CWM**
- [369] Zoltán Fülöp and Heiko Vogler. Characterizing weighted MSO for trees by branching transitive closure logics. *Theoretical Computer Science*, 594(??):82–105, August 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003552>.
- Teichmann:2015:LBM**
- [370] Markus Teichmann and Johannes Osterholzer. A link between multioperator and tree valuation automata and logics. *Theoretical Computer Science*, 594(??):106–119, August 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500376X>.
- Yatapanage:2015:NPB**
- [371] Nisansala Yatapanage and Kirsten Winter. Next-preserving branching bisimulation. *Theoretical Computer Science*, 594(??):120–142, August 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500417X>.
- Jia:2015:ACC**
- [372] Xiaodong Jia, Achim Jung, Hui Kou, Qingguo Li, and Haoran Zhao. All cartesian closed categories of quasicontinuous domains consist of domains. *Theoretical Computer Science*, 594(??):143–150, August 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004181>.
- Ito:2015:QAG**
- [373] Sohei Ito, Takuma Ichinose, Masaya Shimakawa, Naoko Izumi, Shigeki Hagihara, and Naoki Yonezaki. Qual-

- itative analysis of gene regulatory networks by temporal logic. *Theoretical Computer Science*, 594(?):151–179, August 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005277>.
- Rebiha:2015:GIN**
- [374] Rachid Rebiha, Arnaldo V. Moura, and Nadir Matringe. Generating invariants for non-linear hybrid systems. *Theoretical Computer Science*, 594(?):180–200, August 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005289>.
- French:2015:SCT**
- [375] Tim French, John McCabe-Dansted, and Mark Reynolds. Synthesis for continuous time. *Theoretical Computer Science*, 594(?):201–222, August 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005423>.
- Anonymous:2015:EBbj**
- [376] Anonymous. Editorial Board. *Theoretical Computer Science*, 595(?):iii–ix, August 30, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006519>.
- Smith:2015:IWD**
- [377] Tim Smith. On infinite words determined by  $L$  systems. *Theoretical Computer Science*, 595(?):1–10, August 30, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005137>.
- Bernasconi:2015:ERO**
- [378] Anna Bernasconi, Valentina Ciriani, and Lorenzo Lago. On the error resilience of ordered binary decision diagrams. *Theoretical Computer Science*, 595(?):11–33, August 30, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005149>.
- Vitale:2015:SER**
- [379] Luciana Vitale, Álvaro Martín, and Gadiel Seroussi. Space-efficient representation of truncated suffix trees, with applications to Markov order estimation. *Theoretical Computer Science*, 595(?):34–45, August 30, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500523X>.
- Chen:2015:ODP**
- [380] Jian-Jia Chen, Mong-Jen Kao, D. T. Lee, Ignaz Rutter, and Dorothea Wagner. Online dynamic power management with hard real-time guarantees. *Theoretical Computer Science*, 595(?):46–64, August 30, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005241>.

**Hu:2015:UAC**

- [381] Wenyu Hu, Xingjun Luo, and Zhongxuan Luo. A unified approach to computing the nearest complex polynomial with a given zero. *Theoretical Computer Science*, 595(?):65–81, August 30, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005253>.

**Wang:2015:PCC**

- [382] Jianxin Wang, Weimin Su, Min Yang, Jiong Guo, Qilong Feng, Feng Shi, and Jianer Chen. Parameterized complexity of control and bribery for  $d$ -approval elections. *Theoretical Computer Science*, 595(?):82–91, August 30, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005265>.

**Chateau:2015:CAF**

- [383] A. Chateau and R. Giroudeau. A complexity and approximation framework for the maximization scaffolding problem. *Theoretical Computer Science*, 595(?):92–106, August 30, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005332>.

**Bang-Jensen:2015:BBD**

- [384] J. Bang-Jensen and A. Yeo. Balanced branchings in digraphs. *Theoretical Computer Science*, 595(?):107–119, August 30, 2015. CODEN

TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005368>.

**Qiu:2015:IAA**

- [385] Xian Qiu and Walter Kern. Improved approximation algorithms for a bilevel knapsack problem. *Theoretical Computer Science*, 595(?):120–129, August 30, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500537X>.

**Khodakarami:2015:FPA**

- [386] Farnoosh Khodakarami, Farzad Didehvar, and Ali Mohades. A fixed-parameter algorithm for guarding 1.5D terrains. *Theoretical Computer Science*, 595(?):130–142, August 30, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005381>.

**Wang:2015:PFD**

- [387] Yujue Wang, Duncan S. Wong, Qianhong Wu, Sherman S. M. Chow, Bo Qin, Jianwei Liu, and Yong Ding. Practical (fully) distributed signatures provably secure in the standard model. *Theoretical Computer Science*, 595(?):143–158, August 30, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005393>.

**Renault:2015:CMV**

- [388] Gabriel Renault and Simon Schmidt. On the complexity of the Misère version of three games played on graphs. *Theoretical Computer Science*, 595(??):159–167, August 30, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005447>.

**Twigg:2015:LPA**

- [392] Andrew Twigg and Eduardo C. Xavier. Locality-preserving allocations problems and coloured bin packing. *Theoretical Computer Science*, 596(??):12–22, September 6, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005460>.

**Arockiaraj:2015:CWH**

- [389] Micheal Arockiaraj and Arul Jeya Shalini. Conjectures on wirelength of hypercube into cylinder and torus. *Theoretical Computer Science*, 595(??):168–171, August 30, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005216>.

**Anonymous:2015:EBbk**

- [390] Anonymous. Editorial Board. *Theoretical Computer Science*, 596(??):iii–ix, September 6, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006738>.

**Brunetti:2015:IHI**

- [391] S. Brunetti, E. Lodi, and W. Quattrociocchi. An inclusion hierarchy of irreversible dynamos. *Theoretical Computer Science*, 596(??):1–11, September 6, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005459>.

**Bland:2015:TOS**

- [393] Widmer Bland and W. F. Smyth. Three overlapping squares: the general case characterized & applications. *Theoretical Computer Science*, 596(??):23–40, September 6, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005472>.

**Blanchet-Sadri:2015:CML**

- [394] F. Blanchet-Sadri and Andrew Lohr. Computing minimum length representations of sets of words of uniform length. *Theoretical Computer Science*, 596(??):41–54, September 6, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005484>.

**Jager:2015:BMM**

- [395] Gerold Jäger and Marcin Peczarski. Bounding memory for Mastermind might not make it harder. *Theoretical Computer Science*, 596(??):55–66, September 6, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005496>.

**Biniaz:2015:MHO**

- [396] Ahmad Biniaz, Anil Maheshwari, and Michiel Smid. Matchings in higher-order Gabriel graphs. *Theoretical Computer Science*, 596(??):67–78, September 6, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005502>.

**Christ:2015:OMC**

- [397] Marie G. Christ, Lene M. Favrholdt, and Kim S. Larsen. Online multi-coloring with advice. *Theoretical Computer Science*, 596(??):79–91, September 6, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500554X>.

**Balogh:2015:OBW**

- [398] János Balogh, József Békési, György Dósa, Leah Epstein, Hans Kellerer, Asaf Levin, and Zsolt Tuza. Offline black and white bin packing. *Theoretical Computer Science*, 596(??):92–101, September 6, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005551>.

**DAngelo:2015:MSP**

- [399] Gianlorenzo D’Angelo, Daniele Diodati, Alfredo Navarra, and Cristina M. Pinotti. The minimum  $k$ -storage problem on directed graphs. *Theoretical Computer Science*, 596(??):102–108, September 6, 2015. CODEN TCSCDI. ISSN 0304-3975 (print),

1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005599>.

**Nicosia:2015:TAS**

- [400] Gaia Nicosia, Andrea Pacifici, and Ulrich Pferschy. Two agent scheduling with a central selection mechanism. *Theoretical Computer Science*, 596(??):109–123, September 6, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005617>.

**David:2015:ASH**

- [401] Julien David, Loïck Lhote, Arnaud Mary, and François Rioult. An average study of hypergraphs and their minimal transversals. *Theoretical Computer Science*, 596(??):124–141, September 6, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005629>.

**Guegan:2015:CDO**

- [402] Guillaume Guégan and Pascal Ochem. Complexity dichotomy for oriented homomorphism of planar graphs with large girth. *Theoretical Computer Science*, 596(??):142–148, September 6, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005514>.

**Dosa:2015:TAB**

- [403] Gyorgy Dosa. The tight absolute bound of first fit in the parameterized case. *Theoretical Computer Science*, 596(??):149–154,

- September 6, 2015. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005563>.
- Anonymous:2015:EBbl**
- [404] Anonymous. Editorial Board. *Theoretical Computer Science*, 597(??): iii–ix, September 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006994>.
- Bimbo:2015:DIF**
- [405] Katalin Bimbó. The decidability of the intensional fragment of classical linear logic. *Theoretical Computer Science*, 597(??):1–17, September 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005290>.
- Bujtor:2015:EPI**
- [406] Ferenc Bujtor and Walter Vogler. Error-pruning in interface automata. *Theoretical Computer Science*, 597(??): 18–39, September 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005575>.
- Boreale:2015:WAC**
- [407] Michele Boreale and Michela Paolini. Worst- and average-case privacy breaches in randomization mechanisms. *Theoretical Computer Science*, 597(??):40–61, September 13,
2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006313>.
- Biondi:2015:QIL**
- [408] Fabrizio Biondi, Axel Legay, Pasquale Malacaria, and Andrzej Wasowski. Quantifying information leakage of randomized protocols. *Theoretical Computer Science*, 597(??):62–87, September 13, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006684>.
- Anonymous:2015:EBbm**
- [409] Anonymous. Editorial Board. *Theoretical Computer Science*, 598(??): iii–ix, September 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007355>.
- Kari:2015:Ea**
- [410] Lila Kari. Editorial. *Theoretical Computer Science*, 598(??):1, September 20, 2015. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007422>.
- Shang:2015:CPT**
- [411] Yun Shang, Xian Lu, and Ruqian Lu. Computing power of Turing machines in the framework of unsharp quantum logic. *Theoretical Computer Science*, 598(??):2–14, September 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print),

- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514010147>.
- Salomaa:2015:ACR**
- [412] Arto Salomaa. Applications of the Chinese remainder theorem to reaction systems with duration. *Theoretical Computer Science*, 598(??):15–22, September 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514010305>.
- Azimi:2015:DGM**
- [413] Sepinoud Azimi, Cristian Gratiu, Sergiu Ivanov, and Ion Petre. Dependency graphs and mass conservation in reaction systems. *Theoretical Computer Science*, 598(??):23–39, September 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001115>.
- Hutchinson:2015:EOT**
- [414] M. Hutchinson and M. Widom. Enumeration of octagonal tilings. *Theoretical Computer Science*, 598(??):40–50, September 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500225X>.
- Shi:2015:ENM**
- [415] Yaoyun Shi and Xiaodi Wu. Epsilon-net method for optimizations over separable states. *Theoretical Computer Science*, 598(??):51–63, September 20, 2015. CODEN TC- SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002479>.
- Echegoyen:2015:CCB**
- [416] Carlos Echegoyen, Roberto Santana, Alexander Mendiburu, and Jose A. Lozano. Comprehensive characterization of the behaviors of estimation of distribution algorithms. *Theoretical Computer Science*, 598(??):64–86, September 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003229>.
- Aman:2015:VMS**
- [417] Bogdan Aman and Gabriel Ciobanu. Verification of membrane systems with delays via Petri nets with delays. *Theoretical Computer Science*, 598(??):87–101, September 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003278>.
- Fischer:2015:BCR**
- [418] Asja Fischer and Christian Igel. A bound for the convergence rate of parallel tempering for sampling restricted Boltzmann machines. *Theoretical Computer Science*, 598(??):102–117, September 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004235>.

**Tlili:2015:SDL**

- [419] Takwa Tlili and Saoussen Krichen. On solving the double loading problem using a modified particle swarm optimization. *Theoretical Computer Science*, 598(??):118–128, September 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004788>.

**Gravier:2015:WOD**

- [420] Sylvain Gravier, Jérôme Javelle, Mehdi Mhalla, and Simon Perdrix. On weak odd domination and graph-based quantum secret sharing. *Theoretical Computer Science*, 598(??):129–137, September 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004806>.

**Dennunzio:2015:RSE**

- [421] Alberto Dennunzio, Enrico Formenti, and Luca Manzoni. Reaction systems and extremal combinatorics properties. *Theoretical Computer Science*, 598(??):138–149, September 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005034>.

**Morton:2015:CTP**

- [422] Jason Morton and Jacob Turner. Computing the Tutte polynomial of lattice path matroids using determinantal circuits. *Theoretical Computer Science*, 598(??):150–156, September 20, 2015. CODEN TCSCDI. ISSN 0304-3975 (print),

1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006878>.

**Anonymous:2015:EBbn**

- [423] Anonymous. Editorial Board. *Theoretical Computer Science*, 599(??):iii–ix, September 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007501>.

**Kari:2015:Eb**

- [424] Lila Kari. Editorial. *Theoretical Computer Science*, 599(??):1, September 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007434>.

**Gilbert:2015:ACM**

- [425] David Gilbert and Monika Heiner. Advances in computational methods in systems biology. *Theoretical Computer Science*, 599(??):2–3, September 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007446>.

**Ballarini:2015:AES**

- [426] Paolo Ballarini and Marie Duflot. Applications of an expressive statistical model checking approach to the analysis of genetic circuits. *Theoretical Computer Science*, 599(??):4–33, September 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007447>.

- //www.sciencedirect.com/science/article/pii/S0304397515004223.
- Islam:2015:MOR**
- [427] Md. Ariful Islam, Abhishek Murthy, Ezio Bartocci, Elizabeth M. Cherry, Flavio H. Fenton, James Glimm, Scott A. Smolka, and Radu Grosu. Model-order reduction of ion channel dynamics using approximate bisimulation. *Theoretical Computer Science*, 599(?):34–46, September 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514002205>.
- Chaves:2015:ACU**
- [428] Madalena Chaves and Alfonso Carta. Attractor computation using interconnected Boolean networks: Testing growth rate models in *E. coli*. *Theoretical Computer Science*, 599(?):47–63, September 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514004575>.
- Fages:2015:IRS**
- [429] François Fages, Steven Gay, and Sylvain Soliman. Inferring reaction systems from ordinary differential equations. *Theoretical Computer Science*, 599(?):64–78, September 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514006197>.
- Videla:2015:LBL**
- [430] Santiago Videla, Carito Guziolowski, Federica Eduati, Sven Thiele, Martin Gebser, Jacques Nicolas, Julio Saez-Rodriguez, Torsten Schaub, and Anne Siegel. Learning Boolean logic models of signaling networks with ASP. *Theoretical Computer Science*, 599(?):79–101, September 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514004587>.
- Angione:2015:ADM**
- [431] C. Angione, J. Costanza, G. Carapezza, P. Lió, and G. Nicosia. Analysis and design of molecular machines. *Theoretical Computer Science*, 599(?):102–117, September 27, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000663>.
- Anonymous:2015:EBbo**
- [432] Anonymous. Editorial Board. *Theoretical Computer Science*, 600(?):iii–ix, October 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007999>.
- Kumar:2015:NHS**
- [433] Gunjan Kumar and Saswata Shanmugrahi. On the NP-hardness of speed scaling with sleep state. *Theoretical Computer Science*, 600(?):1–10, October 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007999>.

- //www.sciencedirect.com/science/article/pii/S0304397515005228.
- Hermelin:2015:PCA**
- [434] Danny Hermelin and Liat Rozenberg. Parameterized complexity analysis for the Closest String with Wildcards problem. *Theoretical Computer Science*, 600(??):11–18, October 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005538>.
- Ceccherini-Silberstein:2015:MAG**
- [435] Tullio Ceccherini-Silberstein, Michel Coornaert, Francesca Fiorenzi, Paul E. Schupp, and Nicholas W. M. Touikan. Multipass automata and group word problems. *Theoretical Computer Science*, 600(??):19–33, October 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005642>.
- Christodoulakis:2015:ISP**
- [436] Manolis Christodoulakis, P. J. Ryan, W. F. Smyth, and Shu Wang. Indeterminate strings, prefix arrays & undirected graphs. *Theoretical Computer Science*, 600(??):34–48, October 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005666>.
- Coelho:2015:IRG**
- [437] Erika M. M. Coelho, Mitre C. Dourado, and Rudini M. Sampaio. Inapproximability results for graph convexity parameters. *Theoretical Computer Science*, 600(??):49–58, October 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005794>.
- Bonomo:2015:CCD**
- [438] Flavia Bonomo, Guillermo Durán, and Mario Valencia-Pabon. Complexity of the cluster deletion problem on subclasses of chordal graphs. *Theoretical Computer Science*, 600(??):59–69, October 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005800>.
- Bougeret:2015:IAA**
- [439] Marin Bougeret, Pierre-François Dutot, Denis Trystram, Klaus Jansen, and Christina Robenek. Improved approximation algorithms for scheduling parallel jobs on identical clusters. *Theoretical Computer Science*, 600(??):70–85, October 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006246>.
- Gajser:2015:VTC**
- [440] David Gajser. Verifying time complexity of Turing machines. *Theoretical Computer Science*, 600(??):86–97, October 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006623>.

**Alabert:2015:NFL**

- [441] Aureli Alabert, Alessandro Berti, Ricard Caballero, and Marco Ferrante. No-free-lunch theorems in the continuum. *Theoretical Computer Science*, 600(??):98–106, October 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006635>.

**Chiesa:2015:SAN**

- [442] Alessandro Chiesa and Zeyuan Allen Zhu. Shorter arithmetization of non-deterministic computations. *Theoretical Computer Science*, 600(??):107–131, October 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006647>.

**Demaine:2015:LTA**

- [443] Erik D. Demaine, Martin L. Demaine, Eli Fox-Epstein, Duc A. Hoang, Takehiro Ito, Hirotaka Ono, Yota Otachi, Ryuhei Uehara, and Takeshi Yamada. Linear-time algorithm for sliding tokens on trees. *Theoretical Computer Science*, 600(??):132–142, October 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006829>.

**Chiesa:2015:CCT**

- [444] Marco Chiesa, Giuseppe Di Battista, Thomas Erlebach, and Maurizio Patrignani. Computational complexity of traffic hijacking un-

der BGP and S-BGP. *Theoretical Computer Science*, 600(??):143–154, October 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006830>.

**Renault:2015:OAA**

- [445] Marc P. Renault, Adi Rosén, and Rob van Stee. Online algorithms with advice for bin packing and scheduling problems. *Theoretical Computer Science*, 600(??):155–170, October 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007069>.

**Kawahara:2015:ILB**

- [446] Jun Kawahara and Koji M. Kobayashi. An improved lower bound for one-dimensional online unit clustering. *Theoretical Computer Science*, 600(??):171–173, October 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005654>.

**Du:2015:DSH**

- [447] Ye Du. The discrete sell or hold problem with constraints on asset values. *Theoretical Computer Science*, 600(??):174–179, October 4, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006659>.

- Anonymous:2015:EBbp**
- [448] Anonymous. Editorial Board. *Theoretical Computer Science*, 601(??):iii–ix, October 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008166>.
- Karhumaki:2015:W**
- [449] J. Karhumäki and L. Zamboni. Words 2013. *Theoretical Computer Science*, 601(??):1, October 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008233>.
- Day:2015:PFW**
- [450] Joel D. Day, Daniel Reidenbach, and Johannes C. Schneider. Periodicity forcing words. *Theoretical Computer Science*, 601(??):2–14, October 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500780X>.
- Ernvall:2015:PPC**
- [451] Mari Ernvall, Vesa Halava, and Tero Harju. On the  $n$ -permutation Post Correspondence Problem. *Theoretical Computer Science*, 601(??):15–20, October 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006428>.
- Honkala:2015:LTP**
- [452] Juha Honkala. Language-theoretic problems in certain matrix monoids.
- Theoretical Computer Science*, 601(??):21–28, October 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500643X>.
- Harju:2015:SFS**
- [453] Tero Harju and Mike Müller. Square-free shuffles of words. *Theoretical Computer Science*, 601(??):29–38, October 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006453>.
- Rao:2015:SGA**
- [454] Michaël Rao. On some generalizations of abelian power avoidability. *Theoretical Computer Science*, 601(??):39–46, October 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006477>.
- Rigo:2015:AGA**
- [455] M. Rigo and P. Salimov. Another generalization of abelian equivalence: Binomial complexity of infinite words. *Theoretical Computer Science*, 601(??):47–57, October 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006465>.
- Castiglione:2015:SSW**
- [456] G. Castiglione and M. Sciortino. Standard Sturmian words and automata minimization algorithms. *Theoretical Computer Science*, 601(??):58–

- 66, October 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006441>.
- Shur:2015:GSF**
- [457] Arseny M. Shur. Generating square-free words efficiently. *Theoretical Computer Science*, 601(??):67–72, October 11, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006489>.
- Anonymous:2015:EBbq**
- [458] Anonymous. Editorial Board. *Theoretical Computer Science*, 602(??): iii-ix, October 18, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008348>.
- Weng:2015:NSK**
- [459] Jian Weng, Yunlei Zhao, Robert H. Deng, Shengli Liu, Yanjiang Yang, and Kouichi Sakurai. A note on the security of KHL scheme. *Theoretical Computer Science*, 602(??): 1–6, October 18, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007070>.
- Kociumaka:2015:LTV**
- [460] T. Kociumaka, J. Radoszewski, W. Rytter, and T. Waleń. Linear-time version of Holub's algorithm for morphic imprimitivity testing. *Theoretical Computer Science*, 602(??): 7–21, October 18, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007112>.
- Chitturi:2015:TUB**
- [461] Bhadrachalam Chitturi. Tighter upper bound for sorting permutations with prefix transpositions. *Theoretical Computer Science*, 602(??):22–31, October 18, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500715X>.
- Rautenbach:2015:TGC**
- [462] Dieter Rautenbach. Two greedy consequences for maximum induced matchings. *Theoretical Computer Science*, 602(??):32–38, October 18, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007173>.
- Le:2015:PTR**
- [463] Van Bang Le, Andrea Oversberg, and Oliver Schaudt. Polynomial time recognition of squares of Ptolemaic graphs and 3-sun-free split graphs. *Theoretical Computer Science*, 602(??): 39–49, October 18, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007185>.
- LeCun:2015:PFI**
- [464] Bertrand LeCun, Thierry Mautor, Franck Quesette, and Marc-Antoine

- Weisser. Bin packing with fragmentable items: Presentation and approximations. *Theoretical Computer Science*, 602(?):50–59, October 18, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007240>.
- Xu:2015:BDR**
- [465] Bojian Xu. Boosting distinct random sampling for basic counting on the union of distributed streams. *Theoretical Computer Science*, 602(?):60–79, October 18, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007586>.
- Liu:2015:GRW**
- [466] Wen An Liu and Meile Zhao. General restrictions of Wythoff-like games. *Theoretical Computer Science*, 602(?):80–88, October 18, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007616>.
- Faria:2015:ERC**
- [467] Luerbio Faria, Laurent Gourvès, Carlos A. Martinhon, and Jérôme Monnot. The edge-recoloring cost of monochromatic and properly edge-colored paths and cycles. *Theoretical Computer Science*, 602(?):89–102, October 18, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007628>.
- Gabay:2015:OSB**
- [468] Michaël Gabay, Vladimir Kotov, and Nadia Brauner. Online bin stretching with bunch techniques. *Theoretical Computer Science*, 602(?):103–113, October 18, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500763X>.
- Wang:2015:ODC**
- [469] Haitao Wang and Jingru Zhang. One-dimensional  $k$ -center on uncertain data. *Theoretical Computer Science*, 602(?):114–124, October 18, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007641>.
- Kuo:2015:PBF**
- [470] Che-Nan Kuo. Pancyclicity and bipancyclicity of folded hypercubes with both vertex and edge faults. *Theoretical Computer Science*, 602(?):125–131, October 18, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007653>.
- Hung:2015:HPS**
- [471] Ruo-Wei Hung, Chih-Chia Yao, and Shang-Ju Chan. The Hamiltonian properties of supergrid graphs. *Theoretical Computer Science*, 602(?):132–148, October 18, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007719>.

- Chang:2015:DST**
- [472] Ching-Lueh Chang. A deterministic sublinear-time nonadaptive algorithm for metric 1-median selection. *Theoretical Computer Science*, 602(??):149–157, October 18, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007148>.
- Calamoneri:2015:CPC**
- [473] T. Calamoneri and R. Petreschi. Corrigendum to “On pairwise compatibility graphs having Dilworth number two” [Theoret. Comput. Sci. 524 (2014) 34–40]. *Theoretical Computer Science*, 602(??):158–159, October 18, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007677>. See [4].
- Anonymous:2015:EBbr**
- [474] Anonymous. Editorial Board. *Theoretical Computer Science*, 603(??):iii–ix, October 25, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008610>.
- Ong:2015:LLI**
- [475] Luke Ong and Ruy J. G. B. de Queiroz. Logic, Language, Information and Computation (WoLLIC 2012). *Theoretical Computer Science*, 603(??):1–2, October 25, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006325>.
- Abriola:2015:LWQ**
- [476] Sergio Abriola, Santiago Figueira, and Gabriel Senno. Linearizing well quasi-orders and bounding the length of bad sequences. *Theoretical Computer Science*, 603(??):3–22, October 25, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006337>.
- Asperti:2015:FMT**
- [477] Andrea Asperti and Wilmer Ricciotti. A formalization of multi-tape Turing machines. *Theoretical Computer Science*, 603(??):23–42, October 25, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006349>.
- Baldi:2015:UPS**
- [478] Paolo Baldi and Agata Ciabattoni. Uniform proofs of standard completeness for extensions of first-order MTL. *Theoretical Computer Science*, 603(??):43–57, October 25, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006350>.
- Bozzelli:2015:COA**
- [479] Laura Bozzelli, Hans van Ditmarsch, and Sophie Pinchinat. The complexity of one-agent refinement modal logic. *Theoretical Computer Science*, 603(??):58–83, October 25, 2015. CODEN

- TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006362>.
- Caleiro:2015:BSG**
- [480] Carlos Caleiro, João Marcos, and Marco Volpe. Bivalent semantics, generalized compositionality and analytic classic-like tableaux for finite-valued logics. *Theoretical Computer Science*, 603(??):84–110, October 25, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006374>.
- Link:2015:FPR**
- [481] Sebastian Link. Frontiers for propositional reasoning about fragments of probabilistic conditional independence and hierarchical database decompositions. *Theoretical Computer Science*, 603(??):111–131, October 25, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006386>.
- Schechter:2015:LPJ**
- [482] L. Menasché Schechter. A logic of plausible justifications. *Theoretical Computer Science*, 603(??):132–145, October 25, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006398>.
- Anonymous:2015:EBbs**
- [483] Anonymous. Editorial Board. *Theoretical Computer Science*, 604(??): iii–ix, November 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008865>.
- Bonsangue:2015:P**
- [484] Marcello Bonsangue. Preface. *Theoretical Computer Science*, 604(??): 1, November 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006842>.
- Hasuo:2015:GWP**
- [485] Ichiro Hasuo. Generic weakest precondition semantics from monads enriched with order. *Theoretical Computer Science*, 604(??):2–29, November 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002947>.
- Jacobs:2015:DHM**
- [486] Bart Jacobs. Dijkstra and Hoare monads in monadic computation. *Theoretical Computer Science*, 604(??): 30–45, November 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002364>.
- Lenisa:2015:MSC**
- [487] Marina Lenisa. Multigames and strategies, coalgebraically. *Theoret-*

- Theoretical Computer Science*, 604(??):46–62, November 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006416>.
- TranconyWidemann:2015:ACR**
- [488] B. Trancón y Widemann and M. Hauhs. Algebraic-coalgebraic recursion theory of history-dependent dynamical system models. *Theoretical Computer Science*, 604(??):63–80, November 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500568X>.
- Myers:2015:CCC**
- [489] Robert S. R. Myers, Jirí Adámek, Stefan Milius, and Henning Urbat. Coalgebraic constructions of canonical nondeterministic automata. *Theoretical Computer Science*, 604(??):81–101, November 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002625>.
- Bonchi:2015:KED**
- [490] Filippo Bonchi, Stefan Milius, Alexandra Silva, and Fabio Zanasi. Killing epsilons with a dagger: a coalgebraic study of systems with algebraic label structure. *Theoretical Computer Science*, 604(??):102–126, November 2, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002406>.
- Anonymous:2015:EBbt**
- [491] Anonymous. Editorial Board. *Theoretical Computer Science*, 605(??):iii–ix, November 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009056>.
- Kempka:2015:DAD**
- [492] Joseph Kempka, Phil McMinn, and Dirk Sudholt. Design and analysis of different alternating variable searches for search-based software testing. *Theoretical Computer Science*, 605(??):1–20, November 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514009979>.
- Oliveto:2015:ITC**
- [493] Pietro S. Oliveto and Carsten Witt. Improved time complexity analysis of the Simple Genetic Algorithm. *Theoretical Computer Science*, 605(??):21–41, November 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000298>.
- Akimoto:2015:ARO**
- [494] Youhei Akimoto, Sandra Astete-Morales, and Olivier Teytaud. Analysis of runtime of optimization algorithms for noisy functions over discrete codomains. *Theoretical Computer Science*, 605(??):42–50, November 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000298>.

- //www.sciencedirect.com/science/article/pii/S0304397515003151.
- Bender:2015:MBP**
- [495] Michael A. Bender, Sndor P. Fekete, Alexander Kröller, Vincenzo Liberatore, Joseph S. B. Mitchell, Valentin Polishchuk, and Jukka Suomela. The minimum backlog problem. *Theoretical Computer Science*, 605(?):51–61, November 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007744>.
- Holzer:2015:CPC**
- [496] Andreas Holzer, Christian Schallhart, Michael Tautschnig, and Helmut Veith. Closure properties and complexity of rational sets of regular languages. *Theoretical Computer Science*, 605(?):62–79, November 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007823>.
- Klein:2015:LSC**
- [497] Rolf Klein, David Kriesel, and Elmar Langetepe. A local strategy for cleaning expanding cellular domains by simple robots. *Theoretical Computer Science*, 605(?):80–94, November 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007835>.
- Krzywdzinski:2015:DAR**
- [498] K. Krzywdziński and K. Rybarczyk. Distributed algorithms for random graphs. *Theoretical Computer Science*, 605(?):95–105, November 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007847>.
- Bang:2015:RLB**
- [499] Lucas Bang, Wolfgang Bein, and Lawrence L. Larmore. R-LINE: a better randomized 2-server algorithm on the line. *Theoretical Computer Science*, 605(?):106–118, November 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007902>.
- Floderus:2015:ISI**
- [500] Peter Floderus, Mirosław Kowaluk, Andrzej Lingas, and Eva-Marta Lundell. Induced subgraph isomorphism: Are some patterns substantially easier than others? *Theoretical Computer Science*, 605(?):119–128, November 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007914>.
- DEmidio:2015:ERG**
- [501] Mattia D’Emidio, Daniele Frigioni, and Alfredo Navarra. Explore and repair graphs with black holes using mobile entities. *Theoretical Computer Science*, 605(?):129–145, November 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007926>.

- |  |   |
|--|---|
| <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Biswas:2015:DTC</b></div> <p>[502] Ranita Biswas and Partha Bhowmick. On different topological classes of spherical geodesic paths and circles in <math>\mathbf{Z}^3</math>. <i>Theoretical Computer Science</i>, 605(?):146–163, November 9, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515007938">http://www.sciencedirect.com/science/article/pii/S0304397515007938</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Anonymous:2015:EBbu</b></div> <p>[503] Anonymous. Editorial Board. <i>Theoretical Computer Science</i>, 606(?):iii–ix, November 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515009251">http://www.sciencedirect.com/science/article/pii/S0304397515009251</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Finger:2015:SIS</b></div> <p>[504] Marcelo Finger and Delia Kesner. Special issue: Selected papers of the 7th and 8th workshops on Logical and Semantic Frameworks with Applications (LSFA). <i>Theoretical Computer Science</i>, 606(?):1, November 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515009329">http://www.sciencedirect.com/science/article/pii/S0304397515009329</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Accattoli:2015:PNC</b></div> <p>[505] Beniamino Accattoli. Proof nets and the call-by-value <math>\lambda</math>-calculus. <i>Theoretical Computer Science</i>, 606(?):2–24, November 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515007264">http://www.sciencedirect.com/science/article/pii/S0304397515007264</a>.</p> | <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Areces:2015:SB</b></div> <p>[506] Carlos Areces and Ezequiel Orbe. Symmetric blocking. <i>Theoretical Computer Science</i>, 606(?):25–41, November 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515005307">http://www.sciencedirect.com/science/article/pii/S0304397515005307</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Carnielli:2015:MPR</b></div> <p>[507] Walter Carnielli and Mariana Matulovic. The method of polynomial ring calculus and its potentialities. <i>Theoretical Computer Science</i>, 606(?):42–56, November 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515004193">http://www.sciencedirect.com/science/article/pii/S0304397515004193</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Ciaffaglione:2015:MTE</b></div> <p>[508] Alberto Ciaffaglione and Ivan Scagnetto. Mechanizing type environments in weak HOAS. <i>Theoretical Computer Science</i>, 606(?):57–78, November 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515006404">http://www.sciencedirect.com/science/article/pii/S0304397515006404</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>D'Agostino:2015:IVC</b></div> <p>[509] Marcello D'Agostino. An informational view of classical logic. <i>Theoretical Computer Science</i>, 606(?):79–97, November 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515005678">http://www.sciencedirect.com/science/article/pii/S0304397515005678</a>.</p> |
|--|---|

- |   |  |
|---|--|
| <div style="text-align: center; border: 1px solid black; padding: 5px;"><b>Olarte:2015:SCC</b></div> <p>[510] Carlos Olarte, Elaine Pimentel, and Vivek Nigam. Subexponential concurrent constraint programming. <i>Theoretical Computer Science</i>, 606(??):98–120, November 16, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515005411">http://www.sciencedirect.com/science/article/pii/S0304397515005411</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 5px;"><b>Anonymous:2015:EBbv</b></div> <p>[511] Anonymous. Editorial Board. <i>Theoretical Computer Science</i>, 607 (part 1)(??): iii–ix, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515009548">http://www.sciencedirect.com/science/article/pii/S0304397515009548</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 5px;"><b>Gu:2015:P</b></div> <p>[512] Qianping Gu, Pavol Hell, and Botong Yang. Preface. <i>Theoretical Computer Science</i>, 607 (part 1)(??): 1, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515009615">http://www.sciencedirect.com/science/article/pii/S0304397515009615</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 5px;"><b>Higashikawa:2015:MSL</b></div> <p>[513] Yuya Higashikawa, Mordecai J. Golin, and Naoki Katoh. Multiple sink location problems in dynamic path networks. <i>Theoretical Computer Science</i>, 607 (part 1)(??): 2–15, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515005186">http://www.sciencedirect.com/science/article/pii/S0304397515005186</a>.</p> | <div style="text-align: center; border: 1px solid black; padding: 5px;"><b>Bredereck:2015:CDA</b></div> <p>[514] Robert Bredereck, Vincent Froese, Sepp Hartung, André Nichterlein, Rolf Niedermeier, and Nimrod Talmon. The complexity of degree anonymization by vertex addition. <i>Theoretical Computer Science</i>, 607 (part 1)(??):16–34, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515006258">http://www.sciencedirect.com/science/article/pii/S0304397515006258</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 5px;"><b>Chin:2015:CAU</b></div> <p>[515] Francis Y. L. Chin, Bin Fu, Jiuling Guo, Shuguang Han, Jueliang Hu, Minghui Jiang, Guohui Lin, Hing-Fung Ting, Luping Zhang, Yong Zhang, and Diwei Zhou. Competitive algorithms for unbounded one-way trading. <i>Theoretical Computer Science</i>, 607 (part 1)(??):35–48, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515004752">http://www.sciencedirect.com/science/article/pii/S0304397515004752</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 5px;"><b>Cai:2015:PCF</b></div> <p>[516] Leizhen Cai and Junjie Ye. Parameterized complexity of finding connected induced subgraphs. <i>Theoretical Computer Science</i>, 607 (part 1)(??): 49–59, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397515004247">http://www.sciencedirect.com/science/article/pii/S0304397515004247</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 5px;"><b>Guo:2015:OSG</b></div> <p>[517] Chengwei Guo and Leizhen Cai. Obtaining split graphs by edge con-</p> |
|---|--|

- traction. *Theoretical Computer Science*, 607 (part 1)(??):60–67, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001693>.
- Hon:2015:ECC**
- [518] Wing-Kai Hon, Ton Kloks, Hsiang-Hsuan Liu, and Yue-Li Wang. Edge-clique covers of the tensor product. *Theoretical Computer Science*, 607 (part 1)(??):68–74, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005320>.
- Luo:2015:SOH**
- [519] Taibo Luo and Yinfeng Xu. Semionline hierarchical load balancing problem with bounded processing times. *Theoretical Computer Science*, 607 (part 1)(??):75–82, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003266>.
- Penso:2015:CAI**
- [520] Lucia Draque Penso, Fábio Protti, Dieter Rautenbach, and Uéverton dos Santos Souza. Complexity analysis of  $P_3$ -convexity problems on bounded-degree and planar graphs. *Theoretical Computer Science*, 607 (part 1)(??):83–95, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009688>.
- Chen:2015:FA**
- [521] Peter Brass, Hyeyon-Suk Na, and Chan-Su Shin. Local event boundary detection with unreliable sensors: Analysis of the majority vote scheme. *Theoretical Computer Science*, 607 (part 1)(??):96–112, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500626X>.
- Biswas:2015:AFE**
- [522] Tamal T. Biswas and Kenneth W. Regan. Approximation of function evaluation over sequence arguments via specialized data structures. *Theoretical Computer Science*, 607 (part 1)(??):113–123, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003114>.
- Anonymous:2015:EBbw**
- [523] Anonymous. Editorial Board. *Theoretical Computer Science*, 607 (part 2)(??):iii–ix, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009688>.
- Brass:2015:LEB**
- //[www.sciencedirect.com/science/article/pii/S0304397515008749](http://www.sciencedirect.com/science/article/pii/S0304397515008749).

- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009755>.
- Chen:2015:CMM**
- [525] Danny Z. Chen, David Craft, and Lin Yang. A circular matrixmerging algorithm with application in Volumetric Intensity-Modulated Arc Therapy. *Theoretical Computer Science*, 607 (part 2)(??):126–134, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003710>.
- Dereniowski:2015:CZV**
- [526] Dariusz Dereniowski, Danny Dyer, Ryan M. Tifenbach, and Boting Yang. The complexity of zero-visibility cops and robber. *Theoretical Computer Science*, 607 (part 2)(??):135–148, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002388>.
- Hossain:2015:GST**
- [527] Md. Iqbal Hossain and Md. Saidur Rahman. Good spanning trees in graph drawing. *Theoretical Computer Science*, 607 (part 2)(??):149–165, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500794X>.
- Jiang:2015:FAS**
- [528] Haitao Jiang, Lusheng Wang, Binhai Zhu, and Daming Zhu. A factor-  
( $1.408 + \epsilon$ ) approximation for sorting unsigned genomes by reciprocal translocations. *Theoretical Computer Science*, 607 (part 2)(??):166–180, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500479X>.
- Li:2015:PCC**
- [529] Weidong Li, Jianping Li, Xuejie Zhang, and Zhibin Chen. Penalty cost constrained identical parallel machine scheduling problem. *Theoretical Computer Science*, 607 (part 2)(??):181–192, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008786>.
- Lin:2015:IES**
- [530] Ling Lin, Xiaochen Xian, Yujie Yan, Xing He, and Zhiyi Tan. Inefficiency of equilibria for scheduling game with machine activation costs. *Theoretical Computer Science*, 607 (part 2)(??):193–207, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004764>.
- Obata:2015:EAA**
- [531] Yuji Obata and Takao Nishizeki. Efficient approximation algorithms for bandwidth consecutive multicolorings of graphs. *Theoretical Computer Science*, 607 (part 2)(??):208–220, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004764>.

- //www.sciencedirect.com/science/article/pii/S0304397515007082.
- Shi:2015:ROI**
- [532] Yangguang Shi, Fa Zhang, Jie Wu, and Zhiyong Liu. Randomized oblivious integral routing for minimizing power cost. *Theoretical Computer Science*, 607 (part 2)(??):221–246, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006283>.
- Ting:2015:NOA**
- [533] H. F. Ting and Xiangzhong Xiang. Near optimal algorithms for online maximum edge-weighted  $b$ -matching and two-sided vertex-weighted  $b$ -matching. *Theoretical Computer Science*, 607 (part 2)(??):247–256, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004739>.
- You:2015:KPA**
- [534] Jie You, Jianxin Wang, Qilong Feng, and Feng Shi. Kernelization and parameterized algorithms for covering a tree by a set of stars or paths. *Theoretical Computer Science*, 607 (part 2)(??):257–270, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500540X>.
- Anonymous:2015:EBbx**
- [535] Anonymous. Editorial Board. *Theoretical Computer Science*, 607 (part 3)(??): iii–ix, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500986X>.
- Zhang:2015:P**
- [536] Zhao Zhang, Lidong Wu, and Ding-Zhu Du. Preface. *Theoretical Computer Science*, 607 (part 3)(??): 271, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009937>.
- Guo:2015:OTM**
- [537] Sicen Guo, Minming Li, and Yingchao Zhao. Optimal trees for minimizing average individual updating cost. *Theoretical Computer Science*, 607 (part 3)(??):272–281, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500777X>.
- Kanj:2015:PST**
- [538] Iyad Kanj and Stefan Szeider. Parameterized and subexponential-time complexity of satisfiability problems and applications. *Theoretical Computer Science*, 607 (part 3)(??):282–295, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007768>.
- Zhou:2015:TPL**
- [539] Jianjie Zhou, Liying Kang, and Erfang Shan. Two paths location of a tree with

- positive or negative weights. *Theoretical Computer Science*, 607 (part 3)(??):296–305, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007720>.
- Seo:2015:CCF**
- [540] Jungtaek Seo, Subhankar Mishra, Xiang Li, and My T. Thai. Catastrophic cascading failures in power networks. *Theoretical Computer Science*, 607 (part 3)(??):306–319, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007689>.
- Chang:2015:CF**
- [541] Yi-Jun Chang and Hsu-Chun Yen. Constrained floorplans in 2D and 3D. *Theoretical Computer Science*, 607 (part 3)(??):320–336, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007227>.
- Ito:2015:OBG**
- [542] Yoshihiko Ito, Yuki Kobayashi, Yuya Higashikawa, Naoki Katoh, Sheung-Hung Poon, and Maria Saumell. Optimally bracing grid frameworks with holes. *Theoretical Computer Science*, 607 (part 3)(??):337–350, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007215>.
- Armaselu:2015:AFP**
- [543] Bogdan Armaselu and Ovidiu Daescu. Algorithms for fair partitioning of convex polygons. *Theoretical Computer Science*, 607 (part 3)(??):351–362, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007203>.
- Gao:2015:BAC**
- [544] Xiaofeng Gao, Jun Li, and Guihai Chen. A better approximation for constructing virtual backbone in 3D wireless ad-hoc networks. *Theoretical Computer Science*, 607 (part 3)(??):363–380, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007197>.
- He:2015:AAT**
- [545] Zaobo He, Zhipeng Cai, Siyao Cheng, and Xiaoming Wang. Approximate aggregation for tracking quantiles and range countings in wireless sensor networks. *Theoretical Computer Science*, 607 (part 3)(??):381–390, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007124>.
- Duan:2015:IEO**
- [546] Zhenhua Duan, Jin Liu, Jie Li, and Cong Tian. Improved even order magic square construction algorithms and their applications in multi-user shared electronic accounts. *Theoretical Com-*

- puter Science*, 607 (part 3)(??):391–410, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007094>.
- Bhattacharya:2015:IAC**
- [547] Binay Bhattacharya and Tsunehiko Kameda. Improved algorithms for computing minmax regret sinks on dynamic path and tree networks. *Theoretical Computer Science*, 607 (part 3)(??):411–425, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006301>.
- Abu-Khzam:2015:PCD**
- [548] Faisal N. Abu-Khzam, Judith Egan, Michael R. Fellows, Frances A. Rosamond, and Peter Shaw. On the parameterized complexity of dynamic problems. *Theoretical Computer Science*, 607 (part 3)(??):426–434, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005630>.
- Kjos-Hanssen:2015:KSF**
- [549] Bjørn Kjos-Hanssen. Kolmogorov structure functions for automatic complexity. *Theoretical Computer Science*, 607 (part 3)(??):435–445, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005174>.
- Chen:2015:ACS**
- [550] Lin Chen, Deshi Ye, and Guochuan Zhang. An asymptotic competitive scheme for online bin packing. *Theoretical Computer Science*, 607 (part 3)(??):446–454, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005150>.
- Kanj:2015:IPE**
- [551] Iyad Kanj, Guohui Lin, Tian Liu, Weitian Tong, Ge Xia, Jinhui Xu, Botong Yang, Fenghui Zhang, Peng Zhang, and Binhai Zhu. Improved parameterized and exact algorithms for cut problems on trees. *Theoretical Computer Science*, 607 (part 3)(??):455–470, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005125>.
- Song:2015:SCF**
- [552] Liang Song, Haibin Chen, Hao Gu, Hejiao Huang, and Hongwei Du. Set covering in fuel-considered vehicle routing problems. *Theoretical Computer Science*, 607 (part 3)(??):471–479, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005113>.
- Li:2015:PCN**
- [553] Xueliang Li, Meiqin Wei, and Jun Yue. Proper connection number and connected dominating sets. *Theoretical*

- Computer Science*, 607 (part 3)(??): 480–487, November 23, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005083>.
- Anonymous:2015:EBby**
- [554] Anonymous. Editorial Board. *Theoretical Computer Science*, 608 (part 1)(??): iii–ix, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009986>.
- Anonymous:2015:EBbz**
- [555] Anonymous. Editorial Board. *Theoretical Computer Science*, 608 (part 2)(??): iii–ix, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010221>.
- Anonymous:2015:EBca**
- [556] Anonymous. Editorial Board. *Theoretical Computer Science*, 608 (part 3)(??): iii–ix, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751501035X>.
- Kari:2015:E**
- [557] Lila Kari. Editorial. *Theoretical Computer Science*, 608 (part 1)(??): 1, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010063>.
- Merelli:2015:CSB**
- [558] Emanuela Merelli and Ion Petre. From computer science to biology and back. *Theoretical Computer Science*, 608 (part 1)(??):2–3, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010051>.
- Ehrenfeucht:2015:SOZ**
- [559] Andrzej Ehrenfeucht and Grzegorz Rozenberg. Standard and ordered zoom structures. *Theoretical Computer Science*, 608 (part 1)(??):4–15, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006854>.
- Dennunzio:2015:ADG**
- [560] Alberto Dennunzio, Enrico Formenti, Luca Manzoni, and Antonio E. Porreca. Ancestors, descendants, and gardens of Eden in reaction systems. *Theoretical Computer Science*, 608 (part 1)(??):16–26, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005009>.
- Brijder:2015:RFG**
- [561] Robert Brijder. Recombination faults in gene assembly in ciliates modeled using multimatroids. *Theoretical Computer Science*, 608 (part 1)(??):27–35, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print),

- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007859>.
- Barbuti:2015:MPS**
- [562] Roberto Barbuti, Pasquale Bove, Paolo Milazzo, and Giovanni Pardini. Minimal probabilistic  $P$  systems for modelling ecological systems. *Theoretical Computer Science*, 608 (part 1)(??):36–56, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006805>.
- Macias-Ramos:2015:MFV**
- [563] Luis F. Macías-Ramos, Mario J. Pérez-Jiménez, Agustín Riscos-Núñez, and Luis Valencia-Cabrera. Membrane fission versus cell division: When membrane proliferation is not enough. *Theoretical Computer Science*, 608 (part 1)(??):57–65, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005356>.
- Folschette:2015:SCR**
- [564] Maxime Folschette, Loïc Paulevé, Morgan Magnin, and Olivier Roux. Sufficient conditions for reachability in automata networks with priorities. *Theoretical Computer Science*, 608 (part 1)(??):66–83, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007872>.
- Zaccagnino:2015:TDC**
- [565] Rocco Zaccagnino, Rosalba Zizza, and Carlo Zottoli. Testing DNA code words properties of regular languages. *Theoretical Computer Science*, 608 (part 1)(??):84–97, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007811>.
- Hrydziszko:2015:MAT**
- [566] Olga Hrydziszko, Joanna Balbus, Magdalena Zulpo, Artur Wrona, and Krystian Kubica. Mathematical analyses of two-compartment model of human cholesterol circulatory transport in application to high blood cholesterol prevention, diagnosis and treatment. *Theoretical Computer Science*, 608 (part 1)(??):98–107, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007136>.
- Paun:2015:SMI**
- [567] Mihaela Paun, Yang Li, Yuan Cheng, Iris Tusa, and Andrei Paun. Segmenting microarray images using a contour-based method. *Theoretical Computer Science*, 608 (part 1)(??):108–118, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006817>.
- Flocchini:2015:P**
- [568] Paola Flocchini and Jie Gao. Preface. *Theoretical Computer Sci-*

- ence, 608 (part 2)(??):119, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008531>.
- Bannoura:2015:WDS**
- [569] Amir Bannoura, Christian Ortolf, Leonhard Reindl, and Christian Schindelhauer. The wake up dominating set problem. *Theoretical Computer Science*, 608 (part 2)(??):120–134, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500033X>.
- Miller:2015:CNL**
- [570] Avery Miller. On the complexity of neighbourhood learning in radio networks. *Theoretical Computer Science*, 608 (part 2)(??):135–145, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003709>.
- Sharma:2015:ONN**
- [571] Gokarna Sharma and Costas Busch. Optimal nearest neighbor queries in sensor networks. *Theoretical Computer Science*, 608 (part 2)(??):146–165, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003977>.
- Tonoyan:2015:CGS**
- [572] Tigran Tonoyan. Conflict graphs and the SINR-capacity of the mean power scheme. *Theoretical Computer Science*, 608 (part 2)(??):166–177, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000675>.
- Ortolf:2015:SPU**
- [573] Christian Ortolf and Christian Schindelhauer. Strategies for parallel unaware cleaners. *Theoretical Computer Science*, 608 (part 2)(??):178–189, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008555>.
- Miller:2015:FRA**
- [574] Avery Miller and Andrzej Pelc. Fast rendezvous with advice. *Theoretical Computer Science*, 608 (part 2)(??):190–198, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008543>.
- Halldorsson:2015:GES**
- [575] Magnús M. Halldórsson. Guest editorial: Structural information and communication complexity. *Theoretical Computer Science*, 608 (part 3)(??):199–200, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010373>.

- Czyzowicz:2015:BPW**
- [576] Jurek Czyzowicz, Leszek Gasieniec, Konstantinos Georgiou, Evangelos Kranakis, and Fraser MacQuarrie. The Beachcombers' Problem: Walking and searching with mobile robots. *Theoretical Computer Science*, 608 (part 3)(??):201–218, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008269>.
- Dereniowski:2015:RHM**
- [577] Dariusz Dereniowski, Ralf Klasing, Adrian Kosowski, and Lukasz Kuszner. Rendezvous of heterogeneous mobile agents in edge-weighted networks. *Theoretical Computer Science*, 608 (part 3)(??):219–230, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005204>.
- Bampas:2015:IPD**
- [578] Evangelos Bampas, Nikos Leonardos, Euripides Markou, Aris Pagourtzis, and Matoula Petrolia. Improved periodic data retrieval in asynchronous rings with a faulty host. *Theoretical Computer Science*, 608 (part 3)(??):231–254, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008488>.
- Emek:2015:HMA**
- [579] Yuval Emek, Tobias Langner, David Stolz, Jara Uitto, and Roger Wattenhofer. How many ants does it take to find the food? *Theoretical Computer Science*, 608 (part 3)(??):255–267, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005198>.
- Hegeman:2015:LCC**
- [580] James W. Hegeman and Sriram V. Pemmaraju. Lessons from the Congested Clique applied to MapReduce. *Theoretical Computer Science*, 608 (part 3)(??):268–281, December 10, 2015. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008695>.
- Anonymous:2016:EBA**
- [581] Anonymous. Editorial Board. *Theoretical Computer Science*, 609 (part 1)(??):iii–ix, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010488>.
- Anonymous:2016:EBb**
- [582] Anonymous. Editorial Board. *Theoretical Computer Science*, 609 (part 2)(??):iii–ix, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010592>.
- Anonymous:2016:EBc**
- [583] Anonymous. Editorial Board. *Theoretical Computer Science*, 609 (part 3)(??):iii–ix, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print),

- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010701>.
- vanIersel:2016:STP**
- [584] Leo van Iersel, Steven Kelk, Nela Lekić, and Simone Linz. Satisfying ternary permutation constraints by multiple linear orders or phylogenetic trees. *Theoretical Computer Science*, 609 (part 1)(??):1–21, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005319>.
- Lin:2016:RML**
- [585] Bey-Chi Lin and Chin-Tau Lea. Repackable multi- $\log_2 N$  networks. *Theoretical Computer Science*, 609 (part 1)(??):22–31, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007732>.
- Li:2016:RQU**
- [586] Jian Li and Haitao Wang. Range queries on uncertain data. *Theoretical Computer Science*, 609 (part 1)(??):32–48, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008075>.
- Susilo:2016:EDT**
- [587] Willy Susilo, Fuchun Guo, and Yi Mu. Efficient dynamic threshold identity-based encryption with constant-size ciphertext. *Theoretical Computer Science*, 609 (part 1)(??):49–59, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008087>.
- Sawada:2016:SRF**
- [588] J. Sawada and A. Williams. Successor rules for flipping pancakes and burnt pancakes. *Theoretical Computer Science*, 609 (part 1)(??):60–75, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008099>.
- Fong:2016:ACC**
- [589] Ken C. K. Fong, Minming Li, Hongyu Liang, Linji Yang, and Hao Yuan. Average-case complexity of the min-sum matrix product problem. *Theoretical Computer Science*, 609 (part 1)(??):76–86, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008105>.
- Enright:2016:GIP**
- [590] Jessica Enright and Lorna Stewart. Games on interval and permutation graph representations. *Theoretical Computer Science*, 609 (part 1)(??):87–103, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008117>.
- Kratochvil:2016:CCC**
- [591] Jan Kratochvíl, Jan Arne Telle, and Marek Tesar. Computational

- complexity of covering three-vertex multigraphs. *Theoretical Computer Science*, 609 (part 1)(??):104–117, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008282>.
- Goles:2016:PCM**
- [592] Eric Goles, Pedro Montealegre, Ville Salo, and Ilkka Törmä. PSPACE-completeness of majority automata networks. *Theoretical Computer Science*, 609 (part 1)(??):118–128, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008294>.
- Beal:2016:CPP**
- [593] Richard Beal and Donald Adjeroh. Compressed parameterized pattern matching. *Theoretical Computer Science*, 609 (part 1)(??):129–142, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008440>.
- Yang:2016:ECV**
- [594] Ching-Nung Yang, Li-Zhe Sun, and Song-Ruei Cai. Extended color visual cryptography for black and white secret image. *Theoretical Computer Science*, 609 (part 1)(??):143–161, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008452>.
- Qu:2016:NSD**
- [595] Cunquan Qu, Guanghui Wang, Jianliang Wu, and Xiaowei Yu. On the neighbor sum distinguishing total coloring of planar graphs. *Theoretical Computer Science*, 609 (part 1)(??):162–170, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008464>.
- Das:2016:AMR**
- [596] Shantanu Das, Paola Flocchini, Giuseppe Prencipe, Nicola Santoro, and Masafumi Yamashita. Autonomous mobile robots with lights. *Theoretical Computer Science*, 609 (part 1)(??):171–184, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008476>.
- Han:2016:OMK**
- [597] Xin Han and Kazuhisa Makino. Online minimization knapsack problem. *Theoretical Computer Science*, 609 (part 1)(??):185–196, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008506>.
- Wang:2016:EAC**
- [598] Xi Wang, Jianxi Fan, Xiaohua Jia, and Cheng-Kuan Lin. An efficient algorithm to construct disjoint path covers of DCell networks. *Theoretical Computer Science*, 609 (part 1)(??):

- 197–210, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008518>.
- Akiba:2016:BRE**
- [599] Takuya Akiba and Yoichi Iwata. Branch-and-reduce exponential/FPT algorithms in practice: a case study of vertex cover. *Theoretical Computer Science*, 609 (part 1)(??):211–225, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500852X>.
- Beal:2016:SDS**
- [600] Marie-Pierre Béal, Michel Blockelet, and Cătălin Dima. Sofic–Dyck shifts. *Theoretical Computer Science*, 609 (part 1)(??):226–244, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008567>.
- Viard:2016:CMC**
- [601] Jordan Viard, Matthieu Latapy, and Clémence Magnien. Computing maximal cliques in link streams. *Theoretical Computer Science*, 609 (part 1)(??):245–252, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008701>.
- Gong:2016:HES**
- [602] Linming Gong, Shundong Li, Qing Mao, Daoshun Wang, and Jiawei Dou. A homomorphic encryption scheme with adaptive chosen ciphertext security but without random oracle. *Theoretical Computer Science*, 609 (part 1)(??):253–261, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008725>.
- Chang:2016:AAB**
- [603] Fei-Huang Chang, Ma-Lian Chia, David Kuo, Sheng-Chyang Liaw, and Jen-Chun Ling. All-to-all broadcast problems on Cartesian product graphs. *Theoretical Computer Science*, 609 (part 1)(??):262–271, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008737>.
- Chak:2016:BPL**
- [604] Christopher Hanrui Chak, Rusins Freivalds, Frank Stephan, and Henrietta Tan Wan Yik. On block pumpable languages. *Theoretical Computer Science*, 609 (part 1)(??):272–285, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008798>.
- Benevides:2016:MIT**
- [605] Fabrício Benevides, Victor Campos, Mitre C. Dourado, Rudini M. Sampaio, and Ana Silva. The maximum infection time in the geodesic and monophonic convexities. *Theoretical Computer Science*, 609 (part 2)(??):

- 287–295, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008816>.
- Chen:2016:EAO**
- [606] Kun-Tze Chen, Chi-Long Li, Hsien-Tai Chiu, and Chin Lung Lu. An efficient algorithm for one-sided block ordering problem under block-interchange distance. *Theoretical Computer Science*, 609 (part 2)(??):296–305, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008932>.
- Blasius:2016:NPC**
- [607] Thomas Bläsius and Ignaz Rutter. A new perspective on clustered planarity as a combinatorial embedding problem. *Theoretical Computer Science*, 609 (part 2)(??):306–315, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008944>.
- Golin:2016:ERM**
- [608] Mordecai Golin, John Iacono, Danny Krizanc, Rajeev Raman, Srinivasa Rao Satti, and Sunil Shende. Encoding 2D range maximum queries. *Theoretical Computer Science*, 609 (part 2)(??):316–327, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008956>.
- Kratsch:2016:ASM**
- [609] Dieter Kratsch and Van Bang Le. Algorithms solving the Matching Cut problem. *Theoretical Computer Science*, 609 (part 2)(??):328–335, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008993>.
- Gu:2016:PCN**
- [610] Ran Gu, Xueliang Li, and Zhongmei Qin. Proper connection number of random graphs. *Theoretical Computer Science*, 609 (part 2)(??):336–343, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009007>.
- Tian:2016:SRC**
- [611] Jing Tian, Xianzhong Zhao, and Yong Shao. On structure and representations of cyclic automata. *Theoretical Computer Science*, 609 (part 2)(??):344–360, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009111>.
- Bonnet:2016:TBM**
- [612] François Bonnet, Xavier Défago, Thanh Dang Nguyen, and Maria Potop-Butucaru. Tight bound on mobile Byzantine Agreement. *Theoretical Computer Science*, 609 (part 2)(??):361–373, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009111>.

- //www.sciencedirect.com/science/article/pii/S0304397515009123.
- Brankovic:2016:LTS**
- [613] Ljiljana Brankovic, Costas S. Iliopoulos, Ritu Kundu, Manal Mohamed, Solon P. Pissis, and Fatima Vayani. Linear-time superbubble identification algorithm for genome assembly. *Theoretical Computer Science*, 609 (part 2)(??):374–383, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009147>.
- Zejnić:2016:EMD**
- [614] Sabina Zejnić, Dieter Mitsche, João Gomes, and Bruno Sinopoli. Extending the metric dimension to graphs with missing edges. *Theoretical Computer Science*, 609 (part 2)(??):384–394, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009159>.
- Xu:2016:AUP**
- [615] Ming Xu, Cheng-Chao Huang, Zhi-Bin Li, and Zhenbing Zeng. Analyzing ultimate positivity for solvable systems. *Theoretical Computer Science*, 609 (part 2)(??):395–412, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009160>.
- Hao:2016:PDS**
- [616] Rong-Xia Hao, Mei-Mei Gu, and Yan-Quan Feng. The pessimistic diagnosabilities of some general regular graphs. *Theoretical Computer Science*, 609 (part 2)(??):413–420, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009184>.
- Zhou:2016:CFT**
- [617] Shuming Zhou, Sulin Song, Xiaoxue Yang, and Lanxiang Chen. On conditional fault tolerance and diagnosability of hierarchical cubic networks. *Theoretical Computer Science*, 609 (part 2)(??):421–433, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009366>.
- Chen:2016:SCM**
- [618] Wenbin Chen, Nagiza F. Samatova, Matthias F. Stallmann, William Hendrix, and Weiqin Ying. On size-constrained minimum  $s-t$  cut problems and size-constrained dense subgraph problems. *Theoretical Computer Science*, 609 (part 2)(??):434–442, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009378>.
- Zhang:2016:NDD**
- [619] Zhongzhi Zhang, Shunqi Wu, Mingyun Li, and Francesc Comellas. The

- number and degree distribution of spanning trees in the Tower of Hanoi graph. *Theoretical Computer Science*, 609 (part 2)(??):443–455, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500938X>.
- Currie:2016:GRB**
- [620] James Currie and Narad Ramperasad. Growth rate of binary words avoiding  $xxx^R$ . *Theoretical Computer Science*, 609 (part 2)(??):456–468, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009780>.
- Allen:2016:CPW**
- [621] Emily Allen, F. Blanchet-Sadri, Michelle Bodnar, Brian Bowers, Joe Hidakatsu, and John Lensmire. Combinatorics on partial word borders. *Theoretical Computer Science*, 609 (part 2)(??):469–493, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009809>.
- Chen:2016:PDP**
- [622] Xie-Bin Chen. Paired 2-disjoint path covers of faulty  $k$ -ary  $n$ -cubes. *Theoretical Computer Science*, 609 (part 2)(??):494–499, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009810>.
- Fang:2016:CLC**
- [623] Qizhi Fang, Bo Li, Xiaoming Sun, Jia Zhang, and Jialin Zhang. Computing the least-core and nucleolus for threshold cardinality matching games. *Theoretical Computer Science*, 609 (part 2)(??):500–510, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010129>.
- Grippo:2016:CPB**
- [624] Luciano N. Grippo, Martín Mata-mala, Martín D. Safe, and Maya J. Stein. Convex  $p$ -partitions of bipartite graphs. *Theoretical Computer Science*, 609 (part 2)(??):511–514, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010117>.
- Cai:2016:SIC**
- [625] Zhipeng Cai and Alexander Zelikovsky. Special issue on Computing and Combinatori’s Conference. *Theoretical Computer Science*, 609 (part 3)(??):515, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010798>.
- Bera:2016:MAF**
- [626] Suman K. Bera, Syamantak Das, and Amit Kumar. Minimizing average flow-time under knapsack

- constraint. *Theoretical Computer Science*, 609 (part 3)(??):516–525, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003746>.
- Chen:2016:AMC**
- [627] Xujin Chen, Xiaodong Hu, and Changjun Wang. Approximation for the minimum cost doubly resolving set problem. *Theoretical Computer Science*, 609 (part 3)(??):526–543, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003060>.
- Duan:2016:CFB**
- [628] Zhenhua Duan, Cong Tian, and Nan Zhang. A canonical form based decision procedure and model checking approach for propositional projection temporal logic. *Theoretical Computer Science*, 609 (part 3)(??):544–560, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007860>.
- Jiang:2016:SCS**
- [629] Minghui Jiang and Haitao Wang. Shortest color-spanning intervals. *Theoretical Computer Science*, 609 (part 3)(??):561–568, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000754>.
- LeGall:2016:QAF**
- [630] François Le Gall, Harumichi Nishimura, and Seiichiro Tani. Quantum algorithms for finding constant-sized sub-hypergraphs. *Theoretical Computer Science*, 609 (part 3)(??):569–582, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008774>.
- Liu:2016:HLC**
- [631] Xianmin Liu, Jianzhong Li, and Hong Gao. On the hardness of labeled correlation clustering problem: a parameterized complexity view. *Theoretical Computer Science*, 609 (part 3)(??):583–593, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515002376>.
- Miao:2016:CSQ**
- [632] Dongjing Miao, Xianmin Liu, and Jianzhong Li. On the complexity of sampling query feedback restricted database repair of functional dependency violations. *Theoretical Computer Science*, 609 (part 3)(??):594–605, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001073>.
- Mishra:2016:OPS**
- [633] Subhankar Mishra, Thang N. Dinh, My T. Thai, Jungtaek Seo, and Incheol Shin. Optimal packet scan against malicious attacks in smart grids. *Theoretical Computer Science*, 609 (part 3)(??):

- 606–619, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007100>.
- Tong:2016:SHT**
- [634] Weitian Tong, Randy Goebel, and Guohui Lin. Smoothed heights of tries and Patricia tries. *Theoretical Computer Science*, 609 (part 3)(??):620–626, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001061>.
- Wu:2016:AAB**
- [635] Di Wu, Zhao Zhang, and Weili Wu. Approximation algorithm for the balanced 2-connected  $k$ -partition problem. *Theoretical Computer Science*, 609 (part 3)(??):627–638, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515000985>.
- Zhang:2016:CASE**
- [636] Nan Zhang, Zhenhua Duan, and Cong Tian. A complete axiom system for propositional projection temporal logic with cylinder computation model. *Theoretical Computer Science*, 609 (part 3)(??):639–657, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003989>.
- Zhang:2016:NAA**
- [637] Peng Zhang. A new approximation algorithm for the unbalanced Min  $s-t$  Cut problem. *Theoretical Computer Science*, 609 (part 3)(??):658–665, January 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001760>.
- Anonymous:2016:EBd**
- [638] Anonymous. Editorial Board. *Theoretical Computer Science*, 610 (part B) (??):iii–ix, January 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011068>.
- Anonymous:2016:EBe**
- [639] Anonymous. Editorial Board. *Theoretical Computer Science*, 610 (part A) (??):iii–ix, January 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010920>.
- Jurgensen:2016:DCF**
- [640] Helmut Jürgensen, Juhani Karhumäki, and Alexander Okhotin. Descriptive complexity of formal systems. *Theoretical Computer Science*, 610 (part A)(??):1, January 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010956>.
- Cho:2016:SCI**
- [641] Da-Jung Cho, Yo-Sub Han, Sang-Ki Ko, and Kai Salomaa. State complex-

- ity of inversion operations. *Theoretical Computer Science*, 610 (part A)(??):2–12, January 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515003242>.
- Diekert:2016:SLD**
- [642] Volker Diekert and Manfred Kufleitner. A survey on the local divisor technique. *Theoretical Computer Science*, 610 (part A)(??):13–23, January 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006295>.
- Dorzweiler:2016:PNP**
- [643] Olga Dorzweiler, Thomas Flamm, Andreas Krebs, and Michael Ludwig. Positive and negative proofs for circuits and branching programs. *Theoretical Computer Science*, 610 (part A)(??):24–36, January 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007884>.
- Gehrke:2016:UWF**
- [644] Mai Gehrke, Andreas Krebs, and Jean-Éric Pin. Ultrafilters on words for a fragment of logic. *Theoretical Computer Science*, 610 (part A)(??):37–58, January 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007276>.
- Holzer:2016:BSR**
- [645] Markus Holzer and Sebastian Jakobi. Boundary sets of regular and context-free languages. *Theoretical Computer Science*, 610 (part A)(??):59–77, January 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006660>.
- Jirasek:2016:PFL**
- [646] Jozef Jirásek, Galina Jirásková, Monika Krausová, Peter Mlynářcik, and Juraj Sebej. Prefix-free languages: Left and right quotient and reversal. *Theoretical Computer Science*, 610 (part A)(??):78–90, January 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007781>.
- Karandikar:2016:SCC**
- [647] P. Karandikar, M. Niewerth, and Ph. Schnoebelen. On the state complexity of closures and interiors of regular languages with subwords and superwords. *Theoretical Computer Science*, 610 (part A)(??):91–107, January 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008683>.
- Palioudakis:2016:OSC**
- [648] Alexandros Palioudakis, Kai Salomaa, and Selim G. Akl. Operational state complexity of unary NFAs with finite nondeterminism. *Theoretical Computer Science*, 610 (part A)(??):108–120, January 11, 2016. CODEN

- TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006271>.
- Prusa:2016:NRT**
- [649] Daniel Prusa. Non-recursive trade-offs between two-dimensional automata and grammars. *Theoretical Computer Science*, 610 (part A)(??):121–132, January 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515004740>.
- Anonymous:2016:GES**
- [650] Anonymous. Guest Editorial: Special issue on Structural Information and Communication Complexity. *Theoretical Computer Science*, 610 (part B)(??):133–134, January 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011317>.
- Bar-Noy:2016:CGS**
- [651] Amotz Bar-Noy, Ben Baumer, and Dror Rawitz. Changing of the guards: Strip cover with duty cycling. *Theoretical Computer Science*, 610 (part B)(??):135–148, January 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514006549>.
- Caragiannis:2016:SLB**
- [652] Ioannis Caragiannis and Christos Kalaitzis. Space lower bounds for low-stretch greedy embeddings. *Theoretical Computer Science*, 610 (part B)(??):149–157, January 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001000>.
- DAngelo:2016:GRA**
- [653] Gianlorenzo D’Angelo, Gabriele Di Stefano, Ralf Klasing, and Alfredo Navarra. Gathering of robots on anonymous grids and trees without multiplicity detection. *Theoretical Computer Science*, 610 (part B)(??):158–168, January 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514005131>.
- Balamohan:2016:EUD**
- [654] B. Balamohan, S. Dobrev, P. Flocchini, and N. Santoro. Exploring an unknown dangerous graph with a constant number of tokens. *Theoretical Computer Science*, 610 (part B)(??):169–181, January 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751400543X>.
- Yu:2016:DMM**
- [655] Dongxiao Yu, Qiang-Sheng Hua, Yuexuan Wang, Haisheng Tan, and Francis C. M. Lau. Distributed multiple-message broadcast in wireless ad hoc networks under the SINR model. *Theoretical Computer Science*, 610 (part B)(??):182–191, January 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print),

- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397514005106>.
- Eftekhari:2016:SCS**
- [656] Mohsen Eftekhari, Evangelos Kranakis, Fraser MacQuarrie, Oscar Morales-Ponce, and Lata Narayanan. Strong connectivity of sensor networks with double antennae. *Theoretical Computer Science*, 610 (part B)(??):192–203, January 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515001140>.
- Hasemann:2016:DIA**
- [657] Henning Hasemann, Juho Hirvonen, Joel Rybicki, and Jukka Suomela. Deterministic local algorithms, unique identifiers, and fractional graph colouring. *Theoretical Computer Science*, 610 (part B)(??):204–217, January 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751400512X>.
- Anonymous:2016:EBf**
- [658] Anonymous. Editorial Board. *Theoretical Computer Science*, 611(??):iii–ix, January 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011512>.
- Fu:2016:TI**
- [659] Yuxi Fu. Theory of interaction. *Theoretical Computer Science*, 611(??):1–49, January 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500688X>.
- Blanqui:2016:TRR**
- [660] Frédéric Blanqui. Termination of rewrite relations on  $\lambda$ -terms based on Girard’s notion of reducibility. *Theoretical Computer Science*, 611(??):50–86, January 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006908>.
- Yokoyama:2016:FRF**
- [661] Tetsuo Yokoyama, Holger Bock Axelsen, and Robert Glück. Fundamentals of reversible flowchart languages. *Theoretical Computer Science*, 611(??):87–115, January 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500691X>.
- Xu:2016:MUF**
- [662] Ming Xu, Lijun Zhang, David N. Jansen, Huibiao Zhu, and Zongyuan Yang. Multiphase until formulas over Markov reward models: an algebraic approach. *Theoretical Computer Science*, 611(??):116–135, January 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006921>.
- Muscholl:2016:CLC**
- [663] Anca Muscholl and Sven Schewe. Controlling loosely cooperating processes.

- Theoretical Computer Science*, 611(??):136–141, January 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006891>.
- Anonymous:2016:EBg**
- [664] Anonymous. Editorial Board. *Theoretical Computer Science*, 612(??):iii–ix, January 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011627>.
- Abdulla:2016:PVT**
- [665] Parosh Aziz Abdulla, Giorgio Delzanno, Othmane Rezine, Arnaud Sangnier, and Riccardo Traverso. Parameterized verification of time-sensitive models of ad hoc network protocols. *Theoretical Computer Science*, 612(??):1–22, January 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006933>.
- Xu:2016:CHL**
- [666] Zhaowei Xu, Yuefei Sui, and Wenhui Zhang. Completeness of Hoare logic with inputs over the standard model. *Theoretical Computer Science*, 612(??):23–28, January 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007239>.
- Luttik:2016:UPD**
- [667] Bas Luttik. Unique parallel decomposition in branching and weak bisimulation semantics. *Theoretical Computer Science*, 612(??):29–44, January 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008968>.
- Pan:2016:MCC**
- [668] Haiyu Pan, Yongming Li, Yongzhi Cao, and Zhanyou Ma. Model checking computation tree logic over finite lattices. *Theoretical Computer Science*, 612(??):45–62, January 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500897X>.
- Liu:2016:LCE**
- [669] Chanjuan Liu, Fenrong Liu, Kaile Su, and Enqiang Zhu. A logical characterization of extensive games with short sight. *Theoretical Computer Science*, 612(??):63–82, January 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008981>.
- Slivovsky:2016:SQR**
- [670] Friedrich Slivovsky and Stefan Szeider. Soundness of  $Q$ -resolution with dependency schemes. *Theoretical Computer Science*, 612(??):83–101, January 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009135>.

**Dreier:2016:EDU**

- [671] Jannik Dreier, Cristian Ene, Pascal Lafourcade, and Yassine Lakhnech. On the existence and decidability of unique decompositions of processes in the applied  $\pi$ -calculus. *Theoretical Computer Science*, 612(??):102–125, January 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011196>.

**Wu:2016:RDI**

- [672] Mingyuan Wu, Lankun Guo, and Qing-guo Li. A representation of  $L$ -domains by information systems. *Theoretical Computer Science*, 612(??):126–136, January 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011238>.

**Gavryushkin:2016:RAE**

- [673] Alex Gavryushkin, Bakhadyr Khousainov, and Frank Stephan. Reducibilities among equivalence relations induced by recursively enumerable structures. *Theoretical Computer Science*, 612(??):137–152, January 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011287>.

**Anonymous:2016:EBh**

- [674] Anonymous. Editorial Board. *Theoretical Computer Science*, 613(??):iii–ix, February 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print),

1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011925>.

**Yamakami:2016:PGA**

- [675] Tomoyuki Yamakami. Pseudo-random generators against advised context-free languages. *Theoretical Computer Science*, 613(??):1–27, February 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009196>.

**Naude:2016:RPS**

- [676] Kevin A. Naudé. Refined pivot selection for maximal clique enumeration in graphs. *Theoretical Computer Science*, 613(??):28–37, February 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010130>.

**Fomin:2016:FPG**

- [677] Fedor V. Fomin, Pinar Heggernes, and Erik Jan van Leeuwen. The Firefighter problem on graph classes. *Theoretical Computer Science*, 613(??):38–50, February 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010853>.

**Erlebach:2016:QCA**

- [678] Thomas Erlebach, Michael Hoffmann, and Frank Kammer. Query-competitive algorithms for cheapest set problems under uncertainty. *Theoretical Computer Science*, 613(??):

- 51–64, February 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010865>.
- Bilo:2016:PEF**
- [679] Vittorio Bilò, Angelo Fanelli, Michele Flammini, Gianpiero Monaco, and Luca Moscardelli. The price of envy-freeness in machine scheduling. *Theoretical Computer Science*, 613(??):65–78, February 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011123>.
- Nonner:2016:CMB**
- [680] Tim Nonner. Capacitated Max-Batching with interval graph compatibilities. *Theoretical Computer Science*, 613(??):79–93, February 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011147>.
- Ianni:2016:MMC**
- [681] Miriam Di Ianni, Giorgio Gambosi, Gianluca Rossi, and Paola Vocca. Min-max communities in graphs: Complexity and computational properties. *Theoretical Computer Science*, 613(??):94–114, February 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011202>.
- Meyer:2016:GPP**
- [682] Bernd Meyer. Generalized Pete’s Pike is PSPACE-complete. *Theoretical Computer Science*, 613(??):115–125, February 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011226>.
- Anonymous:2016:EBi**
- [683] Anonymous. Editorial Board. *Theoretical Computer Science*, 614(??):iii–ix, February 8, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515012128>.
- Berline:2016:SAM**
- [684] Chantal Berline and Klaus Grue. A synthetic axiomatization of Map Theory. *Theoretical Computer Science*, 614(??):1–62, February 8, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011135>.
- Anderson:2016:CLB**
- [685] Gabrielle Anderson and David Pym. A calculus and logic of bunched resources and processes. *Theoretical Computer Science*, 614(??):63–96, February 8, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011214>.
- Dittmann:2016:GOP**
- [686] Christoph Dittmann, Stephan Kreutzer, and Alexandru I. Tomescu. Graph operations on parity games and polynomial-time algorithms. *Theoretical Computer Science*, 614(??):97–

- 108, February 8, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011305>.
- Anonymous:2016:EBj**
- [687] Anonymous. Editorial Board. *Theoretical Computer Science*, 615(??): iii–ix, February 15, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515012268>.
- Hellmuth:2016:FFC**
- [688] Marc Hellmuth and Florian Lehner. Fast factorization of Cartesian products of (directed) hypergraphs. *Theoretical Computer Science*, 615(??): 1–11, February 15, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751501124X>.
- Klouda:2016:SDB**
- [689] Karel Klouda and Katerina Medková. Synchronizing delay for binary uniform morphisms. *Theoretical Computer Science*, 615(??):12–22, February 15, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011299>.
- Chlebus:2016:SWM**
- [690] Bogdan S. Chlebus, Gianluca De Marco, and Dariusz R. Kowalski. Scalable wake-up of multi-channel single-hop radio networks. *Theoretical Computer Science*, 615(??):23–44, February 15, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011342>.
- Seo:2016:RHI**
- [691] Jae Hong Seo and Keita Emura. Revocable hierarchical identity-based encryption via history-free approach. *Theoretical Computer Science*, 615(??): 45–60, February 15, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011354>.
- Bhattacharya:2016:SEA**
- [692] Binay K. Bhattacharya, Subhas C. Nandy, and Sasanka Roy. Space-efficient algorithm for computing a centerpoint of a set of points in  $\mathbf{R}^2$ . *Theoretical Computer Science*, 615(??): 61–70, February 15, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011366>.
- Zhang:2016:RMR**
- [693] Mingzu Zhang, Lianzhu Zhang, and Xing Feng. Reliability measures in relation to the  $h$ -extra edge-connectivity of folded hypercubes. *Theoretical Computer Science*, 615(??):71–77, February 15, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011378>.

**Hsieh:2016:RCL**

- [694] Sun-Yuan Hsieh, Hong-Wen Huang, and Chia-Wei Lee. {2, 3}-restricted connectivity of locally twisted cubes. *Theoretical Computer Science*, 615(??):78–90, February 15, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751501138X>.

**Cheng:2016:SMP**

- [695] Eddie Cheng, Justin Kelm, and Joseph Renzi. Strong matching preclusion of  $(n, k)$ -star graphs. *Theoretical Computer Science*, 615(??):91–101, February 15, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011391>.

**Kamei:2016:ASS**

- [696] Sayaka Kamei, Tomoko Izumi, and Yukiko Yamauchi. An asynchronous self-stabilizing approximation for the minimum CDS with safe convergence in UDGs. *Theoretical Computer Science*, 615(??):102–119, February 15, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011408>.

**Saether:2016:HCW**

- [697] Sigve Hortemo Sæther and Martin Vatshelle. Hardness of computing width parameters based on branch decompositions over the vertex set. *Theoretical Computer Science*, 615(??):120–125, February 15, 2016. CODEN

TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011251>.

**Anonymous:2016:EBk**

- [698] Anonymous. Editorial Board. *Theoretical Computer Science*, 616(??):iii–ix, ????, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000104>.

**Gurski:2016:DNW**

- [699] Frank Gurski, Egon Wanke, and Eda Yilmaz. Directed NLC-width. *Theoretical Computer Science*, 616(??):1–17, ????, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009779>.

**Engelfriet:2016:LAR**

- [700] Joost Engelfriet, Sebastian Maneth, and Helmut Seidl. Look-ahead removal for total deterministic top-down tree transducers. *Theoretical Computer Science*, 616(??):18–58, ????, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011445>.

**Avgustinovich:2016:GCC**

- [701] Sergey Avgustinovich, Sergey Kitaev, Vladimir N. Potapov, and Vincent Vajnovszki. Gray coding cubic planar maps. *Theoretical Computer Science*, 616(??):59–69, ????, 2016. CODEN TCSCDI. ISSN 0304-3975 (print),

- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011743>.
- Bose:2016:TTB**
- [702] Prosenjit Bose, Jean-Lou De Carufel, Pat Morin, André van Renssen, and Sander Verdonschot. Towards tight bounds on theta-graphs: More is not always better. *Theoretical Computer Science*, 616(??):70–93, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011780>.
- Jiang:2016:SJR**
- [703] Dakui Jiang and Jiayin Tan. Scheduling with job rejection and nonsimultaneous machine available time on unrelated parallel machines. *Theoretical Computer Science*, 616(??):94–99, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011810>.
- Lu:2016:PCC**
- [704] Xiao-Tao Lü, Jin Chen, Ying-Jun Guo, and Zhi-Xiong Wen. On the permutation complexity of the Cantor-like sequences. *Theoretical Computer Science*, 616(??):100–110, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011834>.
- Dey:2016:KCP**
- [705] Palash Dey, Neeldhara Misra, and Y. Narahari. Kernelization complexity of possible winner and coalitional manipulation problems in voting. *Theoretical Computer Science*, 616(??):111–125, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011846>.
- Bereczky:2016:QTG**
- [706] Nikolett Bereczky, Amalia Duch, Krisztián Németh, and Salvador Roura. Quad- $k$   $d$  trees: a general framework for  $k$   $d$  trees and quad trees. *Theoretical Computer Science*, 616(??):126–140, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515012001>.
- Jez:2016:RSA**
- [707] Artur Jez. A *really* simple approximation of smallest grammar. *Theoretical Computer Science*, 616(??):141–150, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515012025>.
- Anonymous:2016:EBI**
- [708] Anonymous. Editorial Board. *Theoretical Computer Science*, 617(??):iii–ix, February 29, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000347>.

**Shibata:2016:PGM**

- [709] Masahiro Shibata, Shinji Kawai, Fukuhito Ooshita, Hirotugu Kakugawa, and Toshimitsu Masuzawa. Partial gathering of mobile agents in asynchronous unidirectional rings. *Theoretical Computer Science*, 617(??):1–11, February 29, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008270>.

**Astete-Morales:2016:SCR**

- [710] Sandra Astete-Morales, Marie-Liesse Cauwet, Jialin Liu, and Olivier Teytaud. Simple and cumulative regret for continuous noisy optimization. *Theoretical Computer Science*, 617(??):12–27, February 29, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008804>.

**Boissonnat:2016:CRS**

- [711] Jean-Daniel Boissonnat and Dorian Mazauric. On the complexity of the representation of simplicial complexes by trees. *Theoretical Computer Science*, 617(??):28–44, February 29, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515012049>.

**Park:2016:UMM**

- [712] Jung-Heum Park. Unpaired many-to-many disjoint path covers in restricted hypercube-like graphs. *Theoretical Computer Science*, 617(??):45–64, February 29, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515012062>.

**Tian:2016:OSU**

- [713] Ji Tian, Qian Wang, Ruyan Fu, and Jinjiang Yuan. Online scheduling on the unbounded drop-line batch machines to minimize the maximum delivery completion time. *Theoretical Computer Science*, 617(??):65–68, February 29, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000025>.

**Anonymous:2016:EBm**

- [714] Anonymous. Editorial Board. *Theoretical Computer Science*, 618(??):iii–ix, March 7, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000761>.

**Xia:2016:RSN**

- [715] Yingjie Xia, Xuejiao Liu, Fubiao Xia, and Guilin Wang. A reduction of security notions in designated confirmer signatures. *Theoretical Computer Science*, 618(??):1–20, March 7, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751501186X>.

**Lin:2016:REC**

- [716] Limei Lin, Li Xu, and Shuming Zhou. Relating the extra connectivity and

- the conditional diagnosability of regular graphs under the comparison model. *Theoretical Computer Science*, 618(??):21–29, March 7, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515012013>.
- Zhu:2016:SMM**
- [717] Haibin Zhu, Dongning Liu, Siqin Zhang, Yu Zhu, Luyao Teng, and Shaohua Teng. Solving the Many to Many assignment problem by improving the Kuhn–Munkr’s algorithm with backtracking. *Theoretical Computer Science*, 618(??):30–41, March 7, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000037>.
- Schmid:2016:CEF**
- [718] Markus L. Schmid. Computing equality-free and repetitive string factorisations. *Theoretical Computer Science*, 618(??):42–51, March 7, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000177>.
- Okhotin:2016:IDL**
- [719] Alexander Okhotin. Input-driven languages are linear conjunctive. *Theoretical Computer Science*, 618(??):52–71, March 7, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000189>.
- Bova:2016:QCQ**
- [720] Simone Bova, Robert Ganian, and Stefan Szeider. Quantified conjunctive queries on partially ordered sets. *Theoretical Computer Science*, 618(??):72–84, March 7, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000219>.
- Abdessaied:2016:CRC**
- [721] Nabila Abdessaied, Matthew Amy, Rolf Drechsler, and Mathias Soeken. Complexity of reversible circuits and their quantum implementations. *Theoretical Computer Science*, 618(??):85–106, March 7, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000220>.
- Nourine:2016:EDA**
- [722] Lhouari Nourine and Jean-Marc Petit. Extended dualization: Application to maximal pattern mining. *Theoretical Computer Science*, 618(??):107–121, March 7, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751600044X>.
- Filho:2016:HCC**
- [723] Hélio B. Macêdo Filho, Raphael C. S. Machado, and Celina M. H. de Figueiredo. Hierarchical complexity of 2-clique-colouring weakly chordal graphs and perfect graphs having cliques of size at least 3. *Theoretical Computer Science*, 618(??):

- 122–134, March 7, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000517>.
- Hew:2016:WBP**
- [724] Patrick Chisan Hew. Working in binary protects the repetends of  $1/3^h$ : Comment on Colussi's 'The convergence classes of Collatz function'. *Theoretical Computer Science*, 618(??): 135–141, March 7, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515012037>. See [2].
- Anonymous:2016:EBn**
- [725] Anonymous. Editorial Board. *Theoretical Computer Science*, 619(??): iii–ix, March 14, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000670>.
- Attie:2016:FSC**
- [726] Paul C. Attie. Finite-state concurrent programs can be expressed in pairwise normal form. *Theoretical Computer Science*, 619(??): 1–31, March 14, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011184>.
- Courcelle:2016:CFA**
- [727] Bruno Courcelle and Irène Durand. Computations by fly-automata beyond monadic second-order logic. *Theoretical Computer Science*, 619(??): 32–67, March 14, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011871>.
- Jez:2016:LGS**
- [728] Artur Jez and Alexander Okhotin. Least and greatest solutions of equations over sets of integers. *Theoretical Computer Science*, 619(??): 68–86, March 14, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000244>.
- Ziemianski:2016:ESP**
- [729] Krzysztof Ziemianski. On execution spaces of PV-programs. *Theoretical Computer Science*, 619(??): 87–98, March 14, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000293>.
- Anonymous:2016:EBo**
- [730] Anonymous. Editorial Board. *Theoretical Computer Science*, 620(??): iii–ix, March 21, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001067>.
- Jain:2016:GEF**
- [731] Sanjay Jain, Rémi Munos, Frank Stephan, and Thomas Zeugmann. Guest Editors' foreword. *Theoretical Computer Science*, 620(??): 1–

- 3, March 21, 2016. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009391>.
- Uitto:2016:CR**
- [732] Jara Uitto and Roger Wattenhofer. On competitive recommendations. *Theoretical Computer Science*, 620(??):4–14, March 21, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009408>.
- Gao:2016:PLR**
- [733] Ziyuan Gao, Frank Stephan, and Sandra Zilles. Partial learning of recursively enumerable languages. *Theoretical Computer Science*, 620(??):15–32, March 21, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500941X>.
- Case:2016:TSI**
- [734] John Case and Timo Kötzing. Topological separations in inductive inference. *Theoretical Computer Science*, 620(??):33–45, March 21, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009421>.
- Shibata:2016:PLC**
- [735] Chihiro Shibata and Ryo Yoshinaka. Probabilistic learnability of context-free grammars with basic distributional properties from positive examples. *Theoretical Computer Science*, 620(??):46–72, March 21, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009433>.
- Darnstadt:2016:OCS**
- [736] Malte Darnstädt, Thorsten Kiss, Hans Ulrich Simon, and Sandra Zilles. Order compression schemes. *Theoretical Computer Science*, 620(??):73–90, March 21, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009445>.
- Choromanska:2016:DPL**
- [737] Anna Choromanska, Krzysztof Choromanski, Geetha Jagannathan, and Claire Monteleoni. Differentially-private learning of low dimensional manifolds. *Theoretical Computer Science*, 620(??):91–104, March 21, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009457>.
- Gottlieb:2016:AMD**
- [738] Lee-Ad Gottlieb, Aryeh Kontorovich, and Robert Krauthgamer. Adaptive metric dimensionality reduction. *Theoretical Computer Science*, 620(??):105–118, March 21, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009469>.
- Khaleghi:2016:NMC**
- [739] Azadeh Khaleghi and Daniil Ryabko. Nonparametric multiple change point

- estimation in highly dependent time series. *Theoretical Computer Science*, 620(??):119–133, March 21, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009470>.
- Anonymous:2016:EBp**
- [740] Anonymous. Editorial Board. *Theoretical Computer Science*, 621(??):iii–ix, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001237>.
- Leone:2016:GRV**
- [741] Pierre Leone and Kasun Samarasinghe. Geographic routing on Virtual Raw Anchor Coordinate systems. *Theoretical Computer Science*, 621(??):1–13, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011998>.
- Belazzougui:2016:OLV**
- [742] Djamel Belazzougui. Optimal Las Vegas reduction from one-way set reconciliation to error correction. *Theoretical Computer Science*, 621(??):14–21, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000438>.
- Gozupek:2016:CMC**
- [743] Didem Gözüpek, Hadas Shachnai, Mordechai Shalom, and Shmuel Zaks. Constructing minimum changeover cost arborescences in bounded treewidth graphs. *Theoretical Computer Science*, 621(??):22–36, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000463>.
- Keshavarz-Kohjerdi:2016:HPS**
- [744] Fatemeh Keshavarz-Kohjerdi and Alireza Bagheri. Hamiltonian paths in L-shaped grid graphs. *Theoretical Computer Science*, 621(??):37–56, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000487>.
- Flocchini:2016:RCM**
- [745] P. Flocchini, N. Santoro, G. Viglietta, and M. Yamashita. Rendezvous with constant memory. *Theoretical Computer Science*, 621(??):57–72, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000499>.
- Su:2016:BWT**
- [746] Yu-Hsuan Su, Ching-Chi Lin, and D. T. Lee. Broadcasting in weighted trees under the postal model. *Theoretical Computer Science*, 621(??):73–81, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000554>.

- |  |   |
|--|---|
| <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Liu:2016:MBM</b></div> <p>[747] Xingwu Liu and Shang-Hua Teng. Maximum bipartite matchings with low rank data: Locality and perturbation analysis. <i>Theoretical Computer Science</i>, 621(??):82–91, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516000578">http://www.sciencedirect.com/science/article/pii/S0304397516000578</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Dereniowski:2016:TRL</b></div> <p>[748] Dariusz Dereniowski and Andrzej Pelc. Topology recognition and leader election in colored networks. <i>Theoretical Computer Science</i>, 621(??):92–102, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S030439751600061X">http://www.sciencedirect.com/science/article/pii/S030439751600061X</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Fu:2016:IAK</b></div> <p>[749] Lianzhi Fu. Improvements in the analysis of Kannan’s CVP algorithm. <i>Theoretical Computer Science</i>, 621(??):103–112, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516000621">http://www.sciencedirect.com/science/article/pii/S0304397516000621</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Anonymous:2016:EBq</b></div> <p>[750] Anonymous. Editorial Board. <i>Theoretical Computer Science</i>, 622(??): iii-ix, April 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516001493">http://www.sciencedirect.com/science/article/pii/S0304397516001493</a>.</p> | <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Ben-Basat:2016:DLP</b></div> <p>[751] Ran Ben-Basat, Ariel Gabizon, and Meirav Zehavi. The <math>k</math>-distinct language: Parameterized automata constructions. <i>Theoretical Computer Science</i>, 622(??):1–15, April 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516000530">http://www.sciencedirect.com/science/article/pii/S0304397516000530</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Belikovetsky:2016:LRG</b></div> <p>[752] Sofia Belikovetsky and Tami Tamir. Load rebalancing games in dynamic systems with migration costs. <i>Theoretical Computer Science</i>, 622(??): 16–33, April 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516000542">http://www.sciencedirect.com/science/article/pii/S0304397516000542</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Mizuki:2016:CBP</b></div> <p>[753] Takaaki Mizuki. Card-based protocols for securely computing the conjunction of multiple variables. <i>Theoretical Computer Science</i>, 622(??): 34–44, April 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516000839">http://www.sciencedirect.com/science/article/pii/S0304397516000839</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Chen:2016:TSS</b></div> <p>[754] Youjun Chen, Lingfa Lu, and Jinjiang Yuan. Two-stage scheduling on identical machines with assignable delivery times to minimize the maximum delivery completion time. <i>Theoretical Computer Science</i>, 622(??): 45–65, April 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print),</p> |
|--|---|

- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000888>.
- Garnero:2016:PCD**
- [755] Valentin Garnero and Mathias Weller. Parameterized certificate dispersal and its variants. *Theoretical Computer Science*, 622(??):66–78, April 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000906>.
- Yang:2016:EAW**
- [756] Yongjie Yang and Jiong Guo. Exact algorithms for weighted and unweighted Borda manipulation problems. *Theoretical Computer Science*, 622(??):79–89, April 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001134>.
- Bazgan:2016:FLD**
- [757] Cristina Bazgan, Robert Bredereck, Sepp Hartung, André Nichterlein, and Gerhard J. Woeginger. Finding large degree-anonymous subgraphs is hard. *Theoretical Computer Science*, 622(??):90–110, April 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001146>.
- Fuchs:2016:PNR**
- [758] M. Fuchs, C.-K. Lee, and G.-R. Yu. On 2-protected nodes in random digital trees. *Theoretical Computer Science*, 622(??):111–122, April 4, 2016. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001171>.
- Anonymous:2016:EBr**
- [759] Anonymous. Editorial Board. *Theoretical Computer Science*, 623(??):iii–ix, April 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001675>.
- Kari:2016:Ea**
- [760] Lila Kari. Editorial. *Theoretical Computer Science*, 623(??):1, April 11, 2016. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001742>.
- Garcia-Ramos:2016:LBE**
- [761] Felipe García-Ramos. Limit behaviour of  $\mu$ -equicontinuous cellular automata. *Theoretical Computer Science*, 623(??):2–14, April 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007306>.
- Colvin:2016:MAN**
- [762] Robert J. Colvin. Modelling and analysing neural networks using a hybrid process algebra. *Theoretical Computer Science*, 623(??):15–64, April 11, 2016. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007665>.

**Sosik:2016:SPC**

- [763] Petr Sosík and Miroslav Langer. Small (purely) catalytic P systems simulating register machines. *Theoretical Computer Science*, 623(??):65–74, April 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500849X>.

**Li:2016:LBS**

- [764] Lvzhou Li and Daowen Qiu. Lower bounds on the size of semi-quantum finite automata. *Theoretical Computer Science*, 623(??):75–82, April 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515008713>.

**Pan:2016:FMP**

- [765] Linqiang Pan, Gheorghe Paun, and Bosheng Song. Flat maximal parallelism in P systems with promoters. *Theoretical Computer Science*, 623(??):83–91, April 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009202>.

**Aman:2016:MVW**

- [766] Bogdan Aman and Gabriel Ciobanu. Modelling and verification of weighted spiking neural systems. *Theoretical Computer Science*, 623(??):92–102, April 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009792>.

**Azimi:2016:CMC**

- [767] Sepinoud Azimi, Cristian Gratié, Sergiu Ivanov, Luca Manzoni, Ion Petre, and Antonio E. Porreca. Complexity of model checking for reaction systems. *Theoretical Computer Science*, 623(??):103–113, April 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011263>.

**Barbuti:2016:IDC**

- [768] Roberto Barbuti, Roberta Gori, Francesca Levi, and Paolo Milazzo. Investigating dynamic causalities in reaction systems. *Theoretical Computer Science*, 623(??):114–145, April 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011275>.

**Chen:2016:CV**

- [769] Xu Chen, Mario J. Pérez-Jiménez, Luis Valencia-Cabrera, Beizhan Wang, and Xiangxiang Zeng. Computing with viruses. *Theoretical Computer Science*, 623(??):146–159, April 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011457>.

**Hellwig:2016:MSC**

- [770] Michael Hellwig and Hans-Georg Beyer. Mutation strength control via meta evolution strategies on the ellipsoid model. *Theoretical Computer Science*, 623(??):160–179, April 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print),

- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751501172X>.
- Wu:2016:CLS**
- [771] Tingfang Wu, Zhiqiang Zhang, Gheorghae Paun, and Linqiang Pan. Cell-like spiking neural P systems. *Theoretical Computer Science*, 623(??):180–189, April 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515012190>.
- Anonymous:2016:EBs**
- [772] Anonymous. Editorial Board. *Theoretical Computer Science*, 624(??):iii–ix, April 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001870>.
- Frosini:2016:ADG**
- [773] Andrea Frosini and Simone Rinaldi. Advances in discrete geometry for computer imagery: Preface. *Theoretical Computer Science*, 624(??):1, April 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001948>.
- Esbelin:2016:SCB**
- [774] Henri-Alex Esbelin and Rémy Malgoüyres. Sparse convolution-based digital derivatives, fast estimation for noisy signals and approximation results. *Theoretical Computer Science*, 624(??):2–24, April 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010178>.
- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011792>.
- Karmakar:2016:RGB**
- [775] Nilanjana Karmakar, Arindam Biswas, and Partha Bhowmick. Reeb graph based segmentation of articulated components of 3D digital objects. *Theoretical Computer Science*, 624(??):25–40, April 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010105>.
- Gerard:2016:TBQ**
- [776] Yan Gerard, Antoine Vacavant, and Jean-Marie Favreau. Tight bounds in the quadtree complexity theorem and the maximal number of pixels crossed by a curve of given length. *Theoretical Computer Science*, 624(??):41–55, April 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011767>.
- Biswas:2016:PQO**
- [777] Ranita Biswas and Partha Bhowmick. From prima quadraginta octant to lattice sphere through primitive integer operations. *Theoretical Computer Science*, 624(??):56–72, April 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010178>.

- Lachaud:2016:OSA**
- [778] Jacques-Olivier Lachaud, Xavier Provençal, and Tristan Roussillon. An output-sensitive algorithm to compute the normal vector of a digital plane. *Theoretical Computer Science*, 624(?):73–88, April 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010828>.
- Brunetti:2016:BAD**
- [779] S. Brunetti, P. Dulio, and C. Peri. On bounded additivity in discrete tomography. *Theoretical Computer Science*, 624(?):89–100, April 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751501083X>.
- Domenjoud:2016:PLT**
- [780] Eric Domenjoud, Xavier Provençal, and Laurent Vuillon. Palindromic language of thin discrete planes. *Theoretical Computer Science*, 624(?):101–108, April 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010841>.
- Frosini:2016:GPM**
- [781] Andrea Frosini, Veronica Guerrini, and Simone Rinaldi. Geometric properties of matrices induced by pattern avoidance. *Theoretical Computer Science*, 624(?):109–120, April 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010851>.
- Masse:2016:EOD**
- [782] Alexandre Blondin Massé, Srecko Brlek, and Hugo Tremblay. Efficient operations on discrete paths. *Theoretical Computer Science*, 624(?):121–135, April 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006672>.
- Brocchi:2016:RCP**
- [783] Stefano Brocchi, Paolo Dulio, and Silvia M. C. Pagani. Reconstruction of convex polyominoes with a blocking component. *Theoretical Computer Science*, 624(?):136–146, April 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011779>.
- Anonymous:2016:EBt**
- [784] Anonymous. Editorial Board. *Theoretical Computer Science*, 625(?):iii–ix, April 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516002140>.
- Gange:2016:CRP**
- [785] Graeme Gange, Jorge A. Navas, Peter Schachte, Harald Søndergaard, and Peter J. Stuckey. A complete refinement procedure for regular separability of context-free languages. *Theoretical Computer Science*, 625(?):1–24, April 25, 2016. CODEN

- TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000505>.
- Lanese:2016:RHO**
- [786] Ivan Lanese, Claudio Antares Mezzina, and Jean-Bernard Stefani. Reversibility in the higher-order  $\pi$ -calculus. *Theoretical Computer Science*, 625(??):25–84, April 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001419>.
- Benerecetti:2016:TRS**
- [787] Massimo Benerecetti and Adriano Peron. Timed recursive state machines: Expressiveness and complexity. *Theoretical Computer Science*, 625(??):85–124, April 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001432>.
- Aschieri:2016:NDC**
- [788] Federico Aschieri and Margherita Zorzi. On natural deduction in classical first-order logic: Curry–Howard correspondence, strong normalization and Herbrand’s theorem. *Theoretical Computer Science*, 625(??):125–146, April 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001596>.
- Anonymous:2016:EBu**
- [789] Anonymous. Editorial Board. *Theoretical Computer Science*, 626(??):iii–ix, May 2, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516002280>.
- Hudry:2016:MRC**
- [790] Olivier Hudry and Antoine Lobstein. More results on the complexity of identifying problems in graphs. *Theoretical Computer Science*, 626(??):1–12, May 2, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000451>.
- deRougemont:2016:ACT**
- [791] Michel de Rougemont and Adrien Vieilleribière. Approximate consistency for transformations on words and trees. *Theoretical Computer Science*, 626(??):13–39, May 2, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000566>.
- Cournier:2016:EPS**
- [792] Alain Cournier, Ajoy K. Datta, Stéphane Devismes, Franck Petit, and Vincent Villain. The expressive power of snap-stabilization. *Theoretical Computer Science*, 626(??):40–66, May 2, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000608>.
- Pouly:2016:CCS**
- [793] Amaury Pouly and Daniel S. Graça. Computational complexity of solv-

- ing polynomial differential equations over unbounded domains. *Theoretical Computer Science*, 626(??):67–82, May 2, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000918>.
- Jain:2016:TAS**
- [794] Sanjay Jain, Bakhadyr Khoussainov, Philipp Schlicht, and Frank Stephan. Tree-automatic scattered linear orders. *Theoretical Computer Science*, 626(??):83–96, May 2, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001183>.
- Radons:2016:DSP**
- [795] Manuel Radons. Direct solution of piecewise linear systems. *Theoretical Computer Science*, 626(??):97–109, May 2, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001304>.
- Datta:2016:CSS**
- [796] Ajoy K. Datta, Stéphane Devismes, Karel Heurtefeux, Lawrence L. Lamore, and Yvan Rivierre. Competitive self-stabilizing  $k$ -clustering. *Theoretical Computer Science*, 626(??):110–133, May 2, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001316>.
- Reich:2016:CML**
- [797] Alexander Reich. Complexity of the maximum leaf spanning tree problem on planar and regular graphs. *Theoretical Computer Science*, 626(??):134–143, May 2, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001328>.
- Yuan:2016:GNC**
- [798] Jun Yuan, Aixia Liu, Xiao Qin, Jifu Zhang, and Jing Li.  $g$ -Good-neighbor conditional diagnosability measures for 3-ary  $n$ -cube networks. *Theoretical Computer Science*, 626(??):144–162, May 2, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751600133X>.
- Anonymous:2016:EBv**
- [799] Anonymous. Editorial Board. *Theoretical Computer Science*, 627(??):iii–ix, May 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300056>.
- Glacet:2016:IDE**
- [800] Christian Glacet, Nicolas Hanusse, and David Ilcinkas. The impact of dynamic events on the number of errors in networks. *Theoretical Computer Science*, 627(??):1–12, May 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001341>.

- Ben-Moshe:2016:OBA**
- [801] Boaz Ben-Moshe, Michael Elkin, Lee-Ad Gottlieb, and Eran Omri. Optimizing budget allocation for center and median points. *Theoretical Computer Science*, 627(??):13–25, May 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001353>.
- Qiu:2016:ACA**
- [802] Xian Qiu and Walter Kern. Approximate core allocations and integrality gap for the bin packing game. *Theoretical Computer Science*, 627(??):26–35, May 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001407>.
- Hao:2016:RBC**
- [803] Rong-Xia Hao, Zeng-Xian Tian, and Jun-Ming Xu. Relationship between conditional diagnosability and 2-extra connectivity of symmetric graphs. *Theoretical Computer Science*, 627(??):36–53, May 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001559>.
- Losemann:2016:CPD**
- [804] Katja Losemann, Wim Martens, and Matthias Niewerth. Closure properties and descriptional complexity of deterministic regular expressions. *Theoretical Computer Science*, 627(??):54–70, May 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001584>.
- Ibarra:2016:EEM**
- [805] Oscar H. Ibarra and Ian McQuillan. The effect of end-markers on counter machines and commutativity. *Theoretical Computer Science*, 627(??):71–81, May 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001766>.
- Yang:2016:CFT**
- [806] Da-Wei Yang and Mei-Mei Gu. Conditional fault-tolerant edge-bipancyclicity of hypercubes with faulty vertices and edges. *Theoretical Computer Science*, 627(??):82–89, May 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001791>.
- Sopena:2016:MNS**
- [807] Éric Sopena. *i*-Mark: a new subtraction division game. *Theoretical Computer Science*, 627(??):90–101, May 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001808>.
- Kuo:2016:EPE**
- [808] Che-Nan Kuo and Iain A. Stewart. Edge-pancyclicity and edge-bipancyclicity of faulty folded hypercubes. *Theoretical Computer Science*, 627(??):102–106, May 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001808>.

- TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001602>.
- Kinnersley:2016:CFR**
- [809] William B. Kinnersley, Paweł Pralat, and Douglas B. West. To catch a falling robber. *Theoretical Computer Science*, 627(?):107–111, May 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001614>.
- Anonymous:2016:EBw**
- [810] Anonymous. Editorial Board. *Theoretical Computer Science*, 630(?): iii–ix, May 30, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300767>.
- Angel:2016:TMM**
- [811] Eric Angel, Evripidis Bampis, Vincent Chau, and Nguyen Kim Thang. Throughput maximization in multiprocessor speed-scaling. *Theoretical Computer Science*, 630(?):1–12, May 30, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751600222X>.
- Yen:2016:WRD**
- [812] William Chung-Kung Yen. Weighted restrained domination in subclasses of planar graphs. *Theoretical Computer Science*, 630(?):13–25, May 30, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516002334>.
- Busbait:2016:DTT**
- [813] Monther Busbait and Mikhail Moshkov. Diagnosis of three types of constant faults in read-once contact networks over finite bases. *Theoretical Computer Science*, 630(?):26–42, May 30, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516002346>.
- Hoffmann:2016:LTA**
- [814] Stefan Hoffmann, Alina Elterman, and Egon Wanke. A linear time algorithm for metric dimension of cactus block graphs. *Theoretical Computer Science*, 630(?):43–62, May 30, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516002358>.
- Golovach:2016:EMC**
- [815] Petr A. Golovach, Pinar Heggernes, and Dieter Kratsch. Enumerating minimal connected dominating sets in graphs of bounded chordality. *Theoretical Computer Science*, 630(?):63–75, May 30, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300159>.
- Wang:2016:SCA**
- [816] Qi Wang, Xiubin Fan, Hongyan Zang, and Yu Wang. The space complexity analysis in the general num-

- ber field sieve integer factorization. *Theoretical Computer Science*, 630(??):76–94, May 30, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300172>.
- Sakai:2016:CDN**
- [817] Yusuke Sakai, Keita Emura, Jacob C. N. Schuldert, Goichiro Hanaoka, and Kazuo Ohta. Constructions of dynamic and non-dynamic threshold public-key encryption schemes with decryption consistency. *Theoretical Computer Science*, 630(??):95–116, May 30, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300317>.
- Xu:2016:AAS**
- [818] Dachuan Xu, Fengmin Wang, Donglei Du, and Chenchen Wu. Approximation algorithms for submodular vertex cover problems with linear/submodular penalties using primal-dual technique. *Theoretical Computer Science*, 630(??):117–125, May 30, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300330>.
- Anonymous:2016:EBx**
- [819] Anonymous. Editorial Board. *Theoretical Computer Science*, 631(??):iii–ix, June 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300858>.
- Hanikova:2016:TSF**
- [820] Zuzana Haniková and Petr Savický. Term satisfiability in FLew-algebras. *Theoretical Computer Science*, 631(??):1–15, June 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001997>.
- Cassez:2016:CSN**
- [821] Franck Cassez, Ron van der Meyden, and Chenyi Zhang. The complexity of synchronous notions of information flow security. *Theoretical Computer Science*, 631(??):16–42, June 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516002048>.
- Ferrara:2016:GFH**
- [822] Pietro Ferrara. A generic framework for heap and value analyses of object-oriented programming languages. *Theoretical Computer Science*, 631(??):43–72, June 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300299>.
- Ameen:2016:CRP**
- [823] Mahmudul Faisal Al Ameen and Makoto Tatsuta. Completeness for recursive procedures in separation logic. *Theoretical Computer Science*, 631(??):73–96, June 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300329>.

**Kahl:2016:TAH**

- [824] Thomas Kahl. Topological abstraction of higher-dimensional automata. *Theoretical Computer Science*, 631(??):97–117, June 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300573>.

**Bozzelli:2016:FBS**

- [825] Laura Bozzelli and César Sánchez. Foundations of Boolean stream runtime verification. *Theoretical Computer Science*, 631(??):118–138, June 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300585>.

**Forejt:2016:ERT**

- [826] Vojtech Forejt, Marta Kwiatkowska, Gethin Norman, and Ashutosh Trivedi. Expected reachability-time games. *Theoretical Computer Science*, 631(??):139–160, June 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300603>.

**Anonymous:2016:EBy**

- [827] Anonymous. Editorial Board. *Theoretical Computer Science*, 632(??):iii–ix, June 13, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300986>.

**Kari:2016:Eb**

- [828] Lila Kari. Editorial. *Theoretical Computer Science*, 632(??):1,

June 13, 2016. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301001>.

**Kwiatkowska:2016:P**

- [829] Marta Kwiatkowska, Andrew Phillips, and Chris Thachuk. Preface. *Theoretical Computer Science*, 632(??):2–3, June 13, 2016. CODEN TC-SCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301013>.

**Hagiya:2016:MCM**

- [830] Masami Hagiya, Nathanael Aubert-Kato, Shaoyu Wang, and Satoshi Kobayashi. Molecular computers for molecular robots as hybrid systems. *Theoretical Computer Science*, 632(??):4–20, June 13, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009767>.

**Lakin:2016:MVC**

- [831] Matthew R. Lakin, Darko Stefanovic, and Andrew Phillips. Modular verification of chemical reaction network encodings via serializability analysis. *Theoretical Computer Science*, 632(??):21–42, June 13, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005435>.

**Petersen:2016:SGS**

- [832] Rasmus L. Petersen, Matthew R. Lakin, and Andrew Phillips. A

- strand graph semantics for DNA-based computation. *Theoretical Computer Science*, 632(??):43–73, June 13, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006866>.
- Anonymous:2016:EBz**
- [833] Anonymous. Editorial Board. *Theoretical Computer Science*, 633(??): iii–ix, June 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301293>.
- Kari:2016:Ec**
- [834] Lila Kari. Editorial. *Theoretical Computer Science*, 633(??):1, June 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301323>.
- Siegelmann:2016:P**
- [835] Hava T. Siegelmann. Preface. *Theoretical Computer Science*, 633(??): 2–3, June 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301311>.
- Alden:2016:MED**
- [836] Matthew Alden and Risto Miikkulainen. MARLEDA: Effective distribution estimation through Markov random fields. *Theoretical Computer Science*, 633(??):4–18, June 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006945>.
- Cheney:2016:TEE**
- [837] Nick Cheney and Hod Lipson. Topological evolution for embodied cellular automata. *Theoretical Computer Science*, 633(??):19–27, June 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005344>.
- Harrington:2016:CBM**
- [838] Kyle I. S. Harrington. A circuit basis for morphogenesis. *Theoretical Computer Science*, 633(??):28–36, June 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515006234>.
- Yoo:2016:MPN**
- [839] Yongseok Yoo, O. Ozan Koçluoglu, Sriram Vishwanath, and Ila Fiete. Multi-periodic neural coding for adaptive information transfer. *Theoretical Computer Science*, 633(??): 37–53, June 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001572>.
- Kozma:2016:PBC**
- [840] Robert Kozma and Marko Puljic. Pattern-based computing via sequential phase transitions in hierarchical mean field neuropercolation. *Theoretical Computer Science*, 633(??):

- 54–70, June 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007252>.
- Schindewolf:2016:CPN**
- [841] Craig Schindewolf, Dongwook Kim, Andrea Bel, and Horacio G. Rotstein. Complex patterns in networks of hyperexcitable neurons. *Theoretical Computer Science*, 633(??):71–82, June 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005162>.
- Betti:2016:PLC**
- [842] Alessandro Betti and Marco Gori. The principle of least cognitive action. *Theoretical Computer Science*, 633(??):83–99, June 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005526>.
- Rodriguez:2016:GMB**
- [843] A. Rodriguez and R. Granger. The grammar of mammalian brain capacity. *Theoretical Computer Science*, 633(??):100–111, June 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516002231>.
- Anselmi:2016:ULI**
- [844] Fabio Anselmi, Joel Z. Leibo, Lorenzo Rosasco, Jim Mutch, Andrea Tacchetti, and Tomaso Poggio. Unsupervised learning of invariant rep-
- resentations. *Theoretical Computer Science*, 633(??):112–121, June 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005587>.
- Anonymous:2016:EBaa**
- [845] Anonymous. Editorial Board. *Theoretical Computer Science*, 634(??):iii–ix, June 27, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301505>.
- Michail:2016:TSP**
- [846] Othon Michail and Paul G. Spirakis. Traveling salesman problems in temporal graphs. *Theoretical Computer Science*, 634(??):1–23, June 27, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300342>.
- Park:2016:PMM**
- [847] Jung-Heum Park. Paired many-to-many disjoint path covers in restricted hypercube-like graphs. *Theoretical Computer Science*, 634(??):24–34, June 27, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300354>.
- Goldberg:2016:CCL**
- [848] Leslie Ann Goldberg and Mark Jerrum. The complexity of counting locally maximal satisfying assignments of Boolean CSPs. *The-*

- oretical Computer Science*, 634(?):35–46, June 27, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300366>.
- Chen:2016:LBL**
- [849] Wenbin Chen, Hao Lei, and Ke Qi. Lattice-based linearly homomorphic signatures in the standard model. *Theoretical Computer Science*, 634(?):47–54, June 27, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300378>.
- Bhattacharya:2016:TLB**
- [850] Anup Bhattacharya, Ragesh Jaiswal, and Nir Ailon. Tight lower bound instances for  $k$ -means++ in two dimensions. *Theoretical Computer Science*, 634(?):55–66, June 27, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300512>.
- Mavronicolas:2016:CER**
- [851] Marios Mavronicolas and Burkhard Monien. The complexity of equilibria for risk-modeling valuations. *Theoretical Computer Science*, 634(?):67–96, June 27, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300524>.
- Lin:2016:SCS**
- [852] Cheng-Kuan Lin, Lili Zhang, Jianxi Fan, and Dajin Wang. Structure connectivity and substructure connectivity of hypercubes. *Theoretical Computer Science*, 634(?):97–107, June 27, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300536>.
- Kameda:2016:APE**
- [853] Tsunehiko Kameda, Ichiro Suzuki, and Masafumi Yamashita. An alternative proof for the equivalence of  $\infty$ -searcher and 2-searcher. *Theoretical Computer Science*, 634(?):108–119, June 27, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751630055X>.
- Khanteimouri:2016:EAC**
- [854] Payam Khanteimouri, Ali Mohades, Mohammad Ali Abam, and Mohammad Reza Kazemi. Efficiently approximating color-spanning balls. *Theoretical Computer Science*, 634(?):120–126, June 27, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300615>.
- Anonymous:2016:EBab**
- [855] Anonymous. Editorial Board. *Theoretical Computer Science*, 635(?):iii–ix, July 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301712>.

- Wang:2016:WRA**
- [856] Qichao Wang and Friedrich Otto. Weighted restarting automata and pushdown relations. *Theoretical Computer Science*, 635(??):1–15, July 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301116>.
- Fici:2016:APR**
- [857] Gabriele Fici, Alessio Langiu, Thierry Lecroq, Arnaud Lefebvre, Filippo Mignosi, Jarkko Peltomäki, and Élise Prieur-Gaston. Abelian powers and repetitions in Sturmian words. *Theoretical Computer Science*, 635(??):16–34, July 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301128>.
- Rute:2016:WDR**
- [858] Jason Rute. When does randomness come from randomness? *Theoretical Computer Science*, 635(??):35–50, July 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301141>.
- Barnabei:2016:SPD**
- [859] Marilena Barnabei, Flavio Bonetti, Niccolò Castronovo, and Robert Cori. Some permutations on Dyck words. *Theoretical Computer Science*, 635(??):51–63, July 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301207>.
- Hu:2016:SMP**
- [860] Xiaomin Hu, Yingzhi Tian, Xiaodong Liang, and Jixiang Meng. Strong matching preclusion for  $n$ -dimensional torus networks. *Theoretical Computer Science*, 635(??):64–73, July 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301219>.
- Dourado:2016:CRA**
- [861] Mitre Costa Dourado. Computing role assignments of split graphs. *Theoretical Computer Science*, 635(??):74–84, July 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301244>.
- He:2016:CRP**
- [862] Yong He, Zhenhe Cui, and Zihan Yuan. Conjugacy relations of prefix codes. *Theoretical Computer Science*, 635(??):85–93, July 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301578>.
- Lewenstein:2016:DRO**
- [863] Moshe Lewenstein, J. Ian Munro, Yakov Nekrich, and Sharma V. Thankachan. Document retrieval with one wildcard. *Theoretical Computer Science*, 635(??):94–101, July 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301608>.

- Anonymous:2016:EBac**
- [864] Anonymous. Editorial Board. *Theoretical Computer Science*, 636(??):iii–ix, July 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301906>.
- Brandenburg:2016:RDI**
- [865] Franz J. Brandenburg, Walter Didimo, William S. Evans, Philipp Kindermann, Giuseppe Liotta, and Fabrizio Montecchiani. Recognizing and drawing IC-planar graphs. *Theoretical Computer Science*, 636(??):1–16, July 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300652>.
- Dolev:2016:MCG**
- [866] Shlomi Dolev, Ephraim Korach, Ximing Li, Yin Li, and Galit Uzan. Magnifying computing gaps: Establishing encrypted communication over unidirectional channels. *Theoretical Computer Science*, 636(??):17–26, July 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300718>.
- Serafino:2016:HFL**
- [867] Paolo Serafino and Carmine Ventre. Heterogeneous facility location without money. *Theoretical Computer Science*, 636(??):27–46, July 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300925>.
- DiGiacomo:2016:LUB**
- [868] Emilio Di Giacomo, Giuseppe Liotta, and Tamara Mchedlidze. Lower and upper bounds for long induced paths in 3-connected planar graphs. *Theoretical Computer Science*, 636(??):47–55, July 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300937>.
- Kosolobov:2016:FLC**
- [869] Dmitry Kosolobov. Finding the leftmost critical factorization on unordered alphabet. *Theoretical Computer Science*, 636(??):56–65, July 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301104>.
- Brandenburg:2016:RCS**
- [870] Franz J. Brandenburg and Andreas Gleißner. Ranking chain sum orders. *Theoretical Computer Science*, 636(??):66–76, July 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301621>.
- Groshaus:2016:TLB**
- [871] Marina Groshaus and Leandro Montero. Tight lower bounds on the number of bicliques in false-twin-free graphs. *Theoretical Computer Science*, 636(??):77–84, July 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print),

- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301633>.
- Bang-Jensen:2016:FGPa**
- [872] J. Bang-Jensen and Frédéric Havet. Finding good 2-partitions of digraphs I. Hereditary properties. *Theoretical Computer Science*, 636(??):85–94, July 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301657>.
- Prodinger:2016:BOE**
- [873] Helmut Prodinger. Batcher’s odd-even exchange revisited: a generating functions approach. *Theoretical Computer Science*, 636(??):95–100, July 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301414>.
- Anonymous:2016:EBad**
- [874] Anonymous. Editorial Board. *Theoretical Computer Science*, 637(??):iii–ix, July 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302031>.
- Chambart:2016:FAM**
- [875] Pierre Chambart, Alain Finkel, and Sylvain Schmitz. Forward analysis and model checking for trace bounded WSTS. *Theoretical Computer Science*, 637(??):1–29, July 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300597>.
- Courtault:2016:LSM**
- [876] Jean-René Courtault, Didier Galmiche, and David Pym. A logic of separating modalities. *Theoretical Computer Science*, 637(??):30–58, July 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751630113X>.
- Anonymous:2016:EBae**
- [877] Anonymous. Editorial Board. *Theoretical Computer Science*, 638(??):iii–ix, July 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302122>.
- Benson:2016:SIH**
- [878] Gary Benson, Martin Farach-Colton, Moshe Lewenstein, and Ely Porat. Special issue in honor of the 60th birthday of Amihood Amir. *Theoretical Computer Science*, 638(??):1–2, July 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302195>.
- Shiftan:2016:SIS**
- [879] Ariel Shiftan and Ely Porat. Set intersection and sequence matching with mismatch counting. *Theoretical Computer Science*, 638(??):3–10, July 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300597>.

- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000049>.  
**Benson:2016:LRS**
- [880] G. Benson, A. Levy, S. Maimoni, D. Noifeld, and B. R. Shalom. LCSk: a refined similarity measure. *Theoretical Computer Science*, 638(??):11–26, July 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010877>.  
**Butman:2016:PSM**
- [881] Ayelet Butman, Noa Lewenstein, and J. Ian Munro. Permuted scaled matching. *Theoretical Computer Science*, 638 (??):27–32, July 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751600178X>.  
**Brodal:2016:TDR**
- [882] Gerth Stølting Brodal, Pooya Davoodi, Moshe Lewenstein, Rajeev Raman, and Srinivasa Rao Satti. Two dimensional range minimum queries and Fibonacci lattices. *Theoretical Computer Science*, 638(??):33–43, July 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001389>.  
**Kopelowitz:2016:PST**
- [883] Tsvi Kopelowitz. The property suffix tree with dynamic properties. *Theoretical Computer Science*, 638(??):44–51, July 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001754>.  
**Klein:2016:CMF**
- [884] Shmuel T. Klein and Dana Shapira. Compressed matching for feature vectors. *Theoretical Computer Science*, 638(??):52–62, July 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011822>.  
**Beigel:2016:SDP**
- [885] Richard Beigel and William Gasarch. On the sizes of DPDAs, PDAs, LBAs. *Theoretical Computer Science*, 638 (??):63–75, July 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007756>.  
**Apostolico:2016:SSM**
- [886] Alberto Apostolico, Concettina Guerra, Gad M. Landau, and Cinzia Pizzi. Sequence similarity measures based on bounded Hamming distance. *Theoretical Computer Science*, 638(??):76–90, July 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000475>.  
**Munro:2016:FCW**
- [887] J. Ian Munro, Yakov Nekrich, and Jeffrey S. Vitter. Fast construction of wavelet trees. *Theoretical Computer Science*, 638(??):91–97, July 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print),

- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010087>.
- Bille:2016:LCE**
- [888] Philip Bille, Paweł Gawrychowski, Inge Li Gørtz, Gad M. Landau, and Oren Weimann. Longest common extensions in trees. *Theoretical Computer Science*, 638(?):98–107, July 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751500729X>.
- Navarro:2016:RCS**
- [889] Gonzalo Navarro and Sharma V. Thankachan. Reporting consecutive substring occurrences under bounded gap constraints. *Theoretical Computer Science*, 638(?):108–111, July 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001158>.
- Babenko:2016:CMM**
- [890] Maxim Babenko, Paweł Gawrychowski, Tomasz Kociumaka, Ignat Kolesnichenko, and Tatiana Starikovskaya. Computing minimal and maximal suffixes of a substring. *Theoretical Computer Science*, 638(?):112–121, July 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007707>.
- Crochemore:2016:OPI**
- [891] Maxime Crochemore, Costas S. Iliopoulos, Tomasz Kociumaka, Marcin Kubica, Alessio Langiu, Solon P. Pissis, Jakub Radoszewski, Wojciech Rytter, and Tomasz Waleń. Order-preserving indexing. *Theoretical Computer Science*, 638(?):122–135, July 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515005605>.
- Gawrychowski:2016:OPP**
- [892] Paweł Gawrychowski and Przemysław Uznański. Order-preserving pattern matching with  $k$  mismatches. *Theoretical Computer Science*, 638(?):136–144, July 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007690>.
- Kucherov:2016:ASM**
- [893] Gregory Kucherov, Kamil Salikhov, and Dekel Tsur. Approximate string matching using a bidirectional index. *Theoretical Computer Science*, 638(?):145–158, July 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009494>.
- Na:2016:FIA**
- [894] Joong Chae Na, Hyunjoon Kim, Heejin Park, Thierry Lecroq, Martine Léonard, Laurent Mouchard, and Kunsoo Park. FM-index of alignment: a compressed index for similar strings.

- Theoretical Computer Science*, 638(?):159–170, July 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515007288>.
- Crochemore:2016:LSS**
- [895] Maxime Crochemore, Chiara Epifanio, Roberto Grossi, and Filippo Mignosi. Linear-size suffix tries. *Theoretical Computer Science*, 638(?):171–178, July 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300305>.
- Anonymous:2016:EBaf**
- [896] Anonymous. Editorial Board. *Theoretical Computer Science*, 639(?):iii–ix, August 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302626>.
- Brewster:2016:DTC**
- [897] Richard C. Brewster, Sean McGuinness, Benjamin Moore, and Jonathan A. Noel. A dichotomy theorem for circular colouring reconfiguration. *Theoretical Computer Science*, 639(?):1–13, August 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301426>.
- Araujo:2016:POC**
- [898] Julio Araujo, Frédéric Havet, Claudia Linhares Sales, and Ana Silva. Proper orientation of cacti. *Theoretical Computer Science*, 639(?):14–25, August 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301438>.
- Dehkordi:2016:CRA**
- [899] Hooman Reisi Dehkordi, Peter Eades, Seok-Hee Hong, and Quan Nguyen. Circular right-angle crossing drawings in linear time. *Theoretical Computer Science*, 639(?):26–41, August 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751630144X>.
- Lu:2016:PSC**
- [900] Yang Lu and Jiguo Li. Provably secure certificateless proxy signature scheme in the standard model. *Theoretical Computer Science*, 639(?):42–59, August 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301554>.
- Fernandes:2016:KCP**
- [901] Cristina G. Fernandes and Marcio T. I. Oshiro. Kinetic clustering of points on the line. *Theoretical Computer Science*, 639(?):60–71, August 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301566>.

**Coudert:2016:DCI**

- [902] David Coudert and Guillaume Ducoffe. Data center interconnection networks are not hyperbolic. *Theoretical Computer Science*, 639(??):72–90, August 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751630161X>.

**Riechert:2016:ADP**

- [903] Maik Riechert, Christian Höner zu Siederdissen, and Peter F. Stadler. Algebraic dynamic programming for multiple context-free grammars. *Theoretical Computer Science*, 639(??):91–109, August 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301797>.

**Anonymous:2016:EBag**

- [904] Anonymous. Editorial Board. *Theoretical Computer Science*, 640(??):iii–ix, August 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302857>.

**Bang-Jensen:2016:FGPb**

- [905] J. Bang-Jensen, Nathann Cohen, and Frédéric Havet. Finding good 2-partitions of digraphs II. Enumerable properties. *Theoretical Computer Science*, 640(??):1–19, August 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301815>.

**Piotrow:2016:FMN**

- [906] Marek Piotrów. Faster merging networks with a small constant period. *Theoretical Computer Science*, 640(??):20–40, August 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301852>.

**Blanchet-Sadri:2016:CAC**

- [907] F. Blanchet-Sadri, Daniel Seita, and David Wise. Computing abelian complexity of binary uniform morphic words. *Theoretical Computer Science*, 640(??):41–51, August 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751630233X>.

**Dourado:2016:GHN**

- [908] Mitre C. Dourado, Lucia D. Penso, and Dieter Rautenbach. On the geodetic hull number of  $P_k$ -free graphs. *Theoretical Computer Science*, 640(??):52–60, August 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302341>.

**Jiang:2016:EDP**

- [909] Minghui Jiang, Ge Xia, and Yong Zhang. Edge-disjoint packing of stars and cycles. *Theoretical Computer Science*, 640(??):61–69, August 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302377>.

**Golovach:2016:IDP**

- [910] Petr A. Golovach, Daniël Paulusma, and Erik Jan van Leeuwen. Induced disjoint paths in circular-arc graphs in linear time. *Theoretical Computer Science*, 640(??):70–83, August 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302390>.

**Liao:2016:AAC**

- [911] Chung-Shou Liao, Chih-Wei Liang, and Sheung Hung Poon. Approximation algorithms on consistent dynamic map labeling. *Theoretical Computer Science*, 640(??):84–93, August 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302420>.

**Bujtas:2016:NMG**

- [912] Cs. Bujtás, Gy. Dósa, Cs. Imreh, J. Nagy-György, and Zs. Tuza. New models of graph-bin packing. *Theoretical Computer Science*, 640(??):94–103, August 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302444>.

**Lee:2016:AGA**

- [913] Hyung Tae Lee, San Ling, and Huaxiong Wang. Analysis of Gong et al.’s CCA2-secure homomorphic encryption. *Theoretical Computer Science*, 640(??):104–114, August 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print),

1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751630250X>.

**Zhao:2016:CCH**

- [914] Shuli Zhao, Weihua Yang, and Shurong Zhang. Component connectivity of hypercubes. *Theoretical Computer Science*, 640(??):115–118, August 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301827>.

**Li:2016:ACP**

- [915] Shuangshuang Li, Zhao Zhang, and Hong-Jian Lai. Algorithm for constraint partial inverse matroid problem with weight increase forbidden. *Theoretical Computer Science*, 640(??):119–124, August 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302389>.

**Song:2016:NNS**

- [916] Hong Jie Song, Wen Hua Pan, Xiang Nan Gong, and Chang Qing Xu. A note on the neighbor sum distinguishing total coloring of planar graphs. *Theoretical Computer Science*, 640(??):125–129, August 9, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302432>.

**Anonymous:2016:EBah**

- [917] Anonymous. Editorial Board. *Theoretical Computer Science*, 641(??):iii–ix, August 16, 2016. CODEN

- TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303061>.
- Kari:2016:Ed**
- [918] Lila Kari. Editorial. *Theoretical Computer Science*, 641(??):1, August 16, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303139>.
- Meunier:2016:USE**
- [919] Pierre-Étienne Meunier. Unraveling simplicity in elementary cellular automata. *Theoretical Computer Science*, 641(??):2–10, August 16, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000050>.
- Gratie:2016:CCF**
- [920] Cristian Gratie and Ion Petre. Complete characterization for the fit-preserving data refinement of mass-action reaction networks. *Theoretical Computer Science*, 641(??):11–24, August 16, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300160>.
- Olarte:2016:PTV**
- [921] C. Olarte, D. Chiarugi, M. Falaschi, and D. Hermith. A proof theoretic view of spatial and temporal dependencies in biochemical systems. *Theoretical Computer Science*, 641(??):25–42, August 16, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300184>.
- Song:2016:CPT**
- [922] Bosheng Song and Linqiang Pan. The computational power of tissue-like  $P$  systems with promoters. *Theoretical Computer Science*, 641(??):43–52, August 16, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751630158X>.
- Correia:2016:NIN**
- [923] Marisol B. Correia. New insights on neutral binary representations for evolutionary optimization. *Theoretical Computer Science*, 641(??):53–74, August 16, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301803>.
- Tan:2016:IEL**
- [924] Jian-Ding Tan, Mahidzal Dahari, Siaw-Paw Koh, Ying-Ying Koay, and Issa-Ahmed Abed. An improved electromagnetism-like algorithm for numerical optimization. *Theoretical Computer Science*, 641(??):75–84, August 16, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302328>.

- |  |   |
|--|---|
| <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Zhang:2016:NPS</b></div> <p>[925] Zhiqiang Zhang, Tingfang Wu, Andrei Paun, and Linqiang Pan. Numerical <math>P</math> systems with migrating variables. <i>Theoretical Computer Science</i>, 641(??): 85–108, August 16, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516302407">http://www.sciencedirect.com/science/article/pii/S0304397516302407</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Anonymous:2016:EBai</b></div> <p>[926] Anonymous. Editorial Board. <i>Theoretical Computer Science</i>, 642(??): iii–ix, August 23, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516303309">http://www.sciencedirect.com/science/article/pii/S0304397516303309</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Navarro-Lopez:2016:DHD</b></div> <p>[927] Eva M. Navarro-López and Rebekah Carter. Deadness and how to disprove liveness in hybrid dynamical systems. <i>Theoretical Computer Science</i>, 642(??): 1–23, August 23, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516302456">http://www.sciencedirect.com/science/article/pii/S0304397516302456</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Bujtor:2016:NMI</b></div> <p>[928] Ferenc Bujtor, Sascha Fendrich, Gerald Lüttgen, and Walter Vogler. Non-deterministic modal interfaces. <i>Theoretical Computer Science</i>, 642(??): 24–53, August 23, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S030439751630247X">http://www.sciencedirect.com/science/article/pii/S030439751630247X</a>.</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Anonymous:2016:EBaj</b></div> <p>[929] Anonymous. Editorial Board. <i>Theoretical Computer Science</i>, 643(??): iii–ix, August 30, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516303425">http://www.sciencedirect.com/science/article/pii/S0304397516303425</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Jaskolka:2016:MCC</b></div> <p>[930] Jason Jaskolka and Ridha Khedri. Mitigating covert channels based on analysis of the potential for communication. <i>Theoretical Computer Science</i>, 643(??): 1–37, August 30, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516302675">http://www.sciencedirect.com/science/article/pii/S0304397516302675</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Rossi:2016:TLM</b></div> <p>[931] Matteo Rossi, Dino Mandrioli, Angelo Morzenti, and Luca Ferrucci. A temporal logic for micro- and macro-step-based real-time systems: Foundations and applications. <i>Theoretical Computer Science</i>, 643(??): 38–64, August 30, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516302985">http://www.sciencedirect.com/science/article/pii/S0304397516302985</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Anonymous:2016:EBak</b></div> <p>[932] Anonymous. Editorial Board. <i>Theoretical Computer Science</i>, 644(??): iii–ix, September 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516303644">http://www.sciencedirect.com/science/article/pii/S0304397516303644</a>.</p> |
|--|---|

- |   |  |
|---|--|
| <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>vandenHerik:2016:RAC</b></div> <p>[933] H. Jaap van den Herik, Walter A. Kosters, and Aske Plaat. Recent advances in computer games. <i>Theoretical Computer Science</i>, 644(??):1, September 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516303693">http://www.sciencedirect.com/science/article/pii/S0304397516303693</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Bonnet:2016:CCG</b></div> <p>[934] Édouard Bonnet, Florian Jamain, and Abdallah Saffidine. On the complexity of connection games. <i>Theoretical Computer Science</i>, 644(??):2–28, September 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S030439751630278X">http://www.sciencedirect.com/science/article/pii/S030439751630278X</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Browne:2016:AIS</b></div> <p>[935] Cameron Browne. Algorithms for interactive Sprouts. <i>Theoretical Computer Science</i>, 644(??):29–42, September 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516302778">http://www.sciencedirect.com/science/article/pii/S0304397516302778</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Cazenave:2016:PPA</b></div> <p>[936] Tristan Cazenave. Playout policy adaptation with move features. <i>Theoretical Computer Science</i>, 644(??):43–52, September 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516302699">http://www.sciencedirect.com/science/article/pii/S0304397516302699</a>.</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Graf:2016:APO</b></div> <p>[937] Tobias Graf and Marco Platzner. Adaptive layouts for online learning of policies during Monte Carlo Tree Search. <i>Theoretical Computer Science</i>, 644(??):53–62, September 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516302742">http://www.sciencedirect.com/science/article/pii/S0304397516302742</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Hsueh:2016:ASI</b></div> <p>[938] Chu-Hsuan Hsueh, I-Chen Wu, Wen-Jie Tseng, Shi-Jim Yen, and Jr-Chang Chen. An analysis for strength improvement of an MCTS-based program playing Chinese dark chess. <i>Theoretical Computer Science</i>, 644(??):63–75, September 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516302705">http://www.sciencedirect.com/science/article/pii/S0304397516302705</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Janko:2016:PPC</b></div> <p>[939] Vito Janko and Matej Guid. A program for Progressive chess. <i>Theoretical Computer Science</i>, 644(??):76–91, September 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516302730">http://www.sciencedirect.com/science/article/pii/S0304397516302730</a>.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"><b>Liu:2016:MIU</b></div> <p>[940] Yun-Ching Liu and Yoshimasa Tsuruoka. Modification of improved upper confidence bounds for regulating exploration in Monte-Carlo tree search. <i>Theoretical Computer Science</i>, 644(??):92–105, September 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print),</p> |
|---|--|

- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302791>.
- Lorentz:2016:UEF**
- [941] Richard Lorentz. Using evaluation functions in Monte-Carlo Tree Search. *Theoretical Computer Science*, 644(??):106–113, September 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302717>.
- Mandai:2016:LAM**
- [942] Yusaku Mandai and Tomoyuki Kaneko. LinUCB applied to Monte Carlo tree search. *Theoretical Computer Science*, 644(??):114–126, September 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302808>.
- Pawlewicz:2016:CNS**
- [943] Jakub Pawlewicz and Ryan B. Hayward. Conspiracy number search with relative sibling scores. *Theoretical Computer Science*, 644(??):127–142, September 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302729>.
- Uiterwijk:2016:PCS**
- [944] Jos W. H. M. Uiterwijk. Polymerization and crystallization of Snowflake molecules in Domineering. *Theoretical Computer Science*, 644(??):143–158, September 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302754>.
- Anonymous:2016:EBal**
- [945] Anonymous. Editorial Board. *Theoretical Computer Science*, 645(??):iii–ix, September 13, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304005>.
- Libert:2016:BRD**
- [946] Benoît Libert, Marc Joye, and Moti Yung. Born and raised distributively: Fully distributed non-interactive adaptively-secure threshold signatures with short shares. *Theoretical Computer Science*, 645(??):1–24, September 13, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001626>.
- Bonamy:2016:KPF**
- [947] Marthe Bonamy and Lukasz Kowaliuk. A 13k-kernel for planar feedback vertex set via region decomposition. *Theoretical Computer Science*, 645(??):25–40, September 13, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301785>.
- Halman:2016:DFP**
- [948] Nir Halman. A deterministic fully polynomial time approximation scheme for counting integer knapsack solutions made easy. *Theoretical Computer Science*, 645(??):41–

- 47, September 13, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302511>.
- Konstantinidis:2016:SMC**
- [949] G. Konstantinidis and Ath. Kehagias. Simultaneously moving cops and robbers. *Theoretical Computer Science*, 645(?):48–59, September 13, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751630295X>.
- Kammer:2016:ATD**
- [950] Frank Kammer and Torsten Tholey. Approximate tree decompositions of planar graphs in linear time. *Theoretical Computer Science*, 645(?):60–90, September 13, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302961>.
- Guo:2016:ECB**
- [951] Jia Guo and Mei Lu. The extra connectivity of bubble-sort star graphs. *Theoretical Computer Science*, 645(?):91–99, September 13, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302997>.
- Evans:2016:SVR**
- [952] William S. Evans, Giuseppe Liotta, and Fabrizio Montecchiani. Simultaneous visibility representations of plane *st*-graphs using L-shapes. *Theoretical Computer Science*, 645(?):100–111, September 13, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303012>.
- Bauer:2016:SSS**
- [953] Reinhard Bauer, Tobias Columbus, Ignaz Rutter, and Dorothea Wagner. Search-space size in contraction hierarchies. *Theoretical Computer Science*, 645(?):112–127, September 13, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303176>.
- Mazo:2016:NLE**
- [954] Loïc Mazo and Étienne Baudrier. Non-local estimators: a new class of multi-grid convergent length estimators. *Theoretical Computer Science*, 645(?):128–146, September 13, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303218>.
- Anonymous:2016:EBam**
- [955] Anonymous. Editorial Board. *Theoretical Computer Science*, 646(?):iii–ix, September 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304133>.
- Kelk:2016:RRM**
- [956] Steven Kelk, Mareike Fischer, Vincent Moulton, and Taoyang Wu. Re-

- duction rules for the maximum parsimony distance on phylogenetic trees. *Theoretical Computer Science*, 646(??):1–15, September 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303243>.
- Beretta:2016:PTM**
- [957] Stefano Beretta, Mauro Castelli, and Riccardo Dondi. Parameterized tractability of the maximum-duo preservation string mapping problem. *Theoretical Computer Science*, 646(??):16–25, September 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303255>. See corrigendum [1022].
- Avni:2016:CSS**
- [958] Guy Avni and Tami Tamir. Cost-sharing scheduling games on restricted unrelated machines. *Theoretical Computer Science*, 646(??):26–39, September 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303358>.
- Kacem:2016:SOS**
- [959] Imed Kacem and Hans Kellerer. Semi-online scheduling on a single machine with unexpected breakdown. *Theoretical Computer Science*, 646(??):40–48, September 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303371>.
- Ho:2016:TPS**
- [960] Nhan Bao Ho. Three-pile Sharing Nim and the quadratic time winning strategy. *Theoretical Computer Science*, 646(??):49–60, September 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303498>.
- Harland:2016:BBM**
- [961] James Harland. Busy beaver machines and the observant otter heuristic (or how to tame dreadful dragons). *Theoretical Computer Science*, 646(??):61–85, September 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303504>.
- Glasser:2016:EAM**
- [962] Christian Glaßer, Heinz Schmitz, and Victor Selivanov. Efficient algorithms for membership in boolean hierarchies of regular languages. *Theoretical Computer Science*, 646(??):86–108, September 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303516>.
- Anonymous:2016:EBan**
- [963] Anonymous. Editorial Board. *Theoretical Computer Science*, 647(??):iii–ix, September 27, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304297>.

**Chen:2016:EME**

- [964] Yangjun Chen and Weixin Shen. An efficient method to evaluate intersections on big data sets. *Theoretical Computer Science*, 647(??):1–21, September 27, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303528>.

**Cicalese:2016:TSP**

- [965] Ferdinando Cicalese, Balázs Keszegh, Bernard Lidický, Dömötör Pálvölgyi, and Tomás Valla. On the tree search problem with non-uniform costs. *Theoretical Computer Science*, 647(??):22–32, September 27, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751630353X>.

**Atminas:2016:SPC**

- [966] Aistis Atminas, Marcin Kamiński, and Jean-Florent Raymond. Scattered packings of cycles. *Theoretical Computer Science*, 647(??):33–42, September 27, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303553>.

**deParga:2016:MCD**

- [967] Manuel Vázquez de Parga, Pedro García, and Damián López. Minimal consistent DFA revisited. *Theoretical Computer Science*, 647(??):43–49, September 27, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303863>.

**Balkova:2016:APN**

//www.sciencedirect.com/science/article/pii/S0304397516303577.

**Xiao:2016:NDF**

- [968] Lin Xiao. A new design formula exploited for accelerating Zhang neural network and its application to time-varying matrix inversion. *Theoretical Computer Science*, 647(??):50–58, September 27, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303589>.

**Elmasry:2016:DRM**

- [969] Amr Elmasry, Meng He, J. Ian Munro, and Patrick K. Nicholson. Dynamic range majority data structures. *Theoretical Computer Science*, 647(??):59–73, September 27, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751630384X>.

**Belazzougui:2016:IQC**

- [970] Djamal Belazzougui, Roman Kolpakov, and Mathieu Raffinot. Indexing and querying color sets of images. *Theoretical Computer Science*, 647(??):74–84, September 27, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303863>.

- [971] L'ubomíra Balková, Michelangelo Bucci, Alessandro De Luca, Jiří Hladký, and Svetlana Puzynina. Aperiodic pseudorandom number generators based on infinite words. *Theo-*

- Theoretical Computer Science*, 647(??):85–100, September 27, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303875>.
- Vignatti:2016:MVC**
- [972] André L. Vignatti and Murilo V. G. da Silva. Minimum vertex cover in generalized random graphs with power law degree distribution. *Theoretical Computer Science*, 647(??):101–111, September 27, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303899>.
- Anonymous:2016:EBao**
- [973] Anonymous. Editorial Board. *Theoretical Computer Science*, 648(??): iii–ix, October 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304509>.
- Bresar:2016:CGD**
- [974] Bostjan Bresar, Paul Dorbec, Sandi Klavzar, Gasper Kosmrlj, and Gabriel Renault. Complexity of the game domination problem. *Theoretical Computer Science*, 648(??):1–7, October 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303590>.
- Boldi:2016:EOL**
- [975] Paolo Boldi and Sebastiano Vigna. Efficient optimally lazy algorithms for minimal-interval semantics. *Theoretical Computer Science*, 648(??): 8–25, October 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303814>.
- Le:2016:UAR**
- [976] Van Bang Le, Andrea Oversberg, and Oliver Schaudt. A unified approach to recognize squares of split graphs. *Theoretical Computer Science*, 648(??): 26–33, October 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303826>.
- Dutta:2016:LCG**
- [977] Tridib Dutta, Lenwood S. Heath, V. S. Anil Kumar, and Madhav V. Marathe. Labeled cuts in graphs. *Theoretical Computer Science*, 648(??): 34–39, October 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303851>.
- Zehavi:2016:PAA**
- [978] Meirav Zehavi. Parameterized approximation algorithms for packing problems. *Theoretical Computer Science*, 648(??):40–55, October 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303917>.

- Alvarez:2016:CG**
- [979] Carme Àlvarez, Maria J. Blesa, Amalia Duch, Arnau Mesegué, and Maria Serna. Celebrity games. *Theoretical Computer Science*, 648(?):56–71, October 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303929>.
- Zhang:2016:LCP**
- [980] Peng Zhang and Bin Fu. The label cut problem with respect to path length and label frequency. *Theoretical Computer Science*, 648(?):72–83, October 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303930>.
- Kociumaka:2016:MND**
- [981] Tomasz Kociumaka, Jakub Radoszewski, Wojciech Rytter, and Tomasz Waleń. Maximum number of distinct and nonequivalent non-standard squares in a word. *Theoretical Computer Science*, 648(?):84–95, October 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304066>.
- Ferraioli:2016:DDF**
- [982] Diodato Ferraioli, Paul W. Goldberg, and Carmine Ventre. Decentralized dynamics for finite opinion games. *Theoretical Computer Science*, 648(?):96–115, October 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303966>.
- Jegourel:2016:CBI**
- [983] Guy Feigenblat, Ofra Itzhaki, and Ely Porat. Corrigendum to “The frequent items problem, under polynomial decay, in the streaming model” [Theoret. Comput. Sci. 411(34-36) (2010) 3048–3054]. *Theoretical Computer Science*, 648(?):116, October 4, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751630456X>. See [1].
- Anonymous:2016:EBap**
- [984] Anonymous. Editorial Board. *Theoretical Computer Science*, 649(?):iii–ix, October 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304613>.
- Ferrarotti:2016:NTC**
- [986] Flavio Ferrarotti, Klaus-Dieter Schewe, Loredana Tec, and Qing Wang.
- [985] Cyrille Jegourel, Axel Legay, and Sean Sedwards. Command-based importance sampling for statistical model checking. *Theoretical Computer Science*, 649(?):1–24, October 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303966>.

- A new thesis concerning synchronised parallel computing — simplified parallel ASM thesis. *Theoretical Computer Science*, 649(??):25–53, October 11, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304212>.
- Anonymous:2016:EBaq**
- [987] Anonymous. Editorial Board. *Theoretical Computer Science*, 650(??):iii–ix, October 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304728>.
- Auer:2016:GEF**
- [988] Peter Auer, Alexander Clark, and Thomas Zeugmann. Guest Editors' foreword. *Theoretical Computer Science*, 650(??):1–3, October 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303723>.
- Kotzing:2016:MUC**
- [989] Timo Kötzing and Raphaela Palenta. A map of update constraints in inductive inference. *Theoretical Computer Science*, 650(??):4–24, October 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303735>.
- Jain:2016:PLA**
- [990] Sanjay Jain and Efim Kinber. Parallel learning of automatic classes of languages. *Theoretical Computer Science*, 650(??):25–44, October 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303747>.
- Abasi:2016:LBH**
- [991] Hasan Abasi, Ali Z. Abdi, and Nader H. Bshouty. Learning boolean halfspaces with small weights from membership queries. *Theoretical Computer Science*, 650(??):45–56, October 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303759>.
- Angluin:2016:LRO**
- [992] Dana Angluin and Dana Fisman. Learning regular omega languages. *Theoretical Computer Science*, 650(??):57–72, October 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303760>.
- Hutter:2016:ESA**
- [993] Marcus Hutter. Extreme state aggregation beyond Markov decision processes. *Theoretical Computer Science*, 650(??):73–91, October 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303772>.

- |   |   |
|---|---|
| <div style="border: 1px solid black; padding: 2px; text-align: center;"><b>Ailon:2016:BOO</b></div> <p>[994] Nir Ailon, Kohei Hatano, and Eiji Takimoto. Bandit online optimization over the permutohedron. <i>Theoretical Computer Science</i>, 650(??):92–108, October 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516303784">http://www.sciencedirect.com/science/article/pii/S0304397516303784</a>.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;"><b>Maurer:2016:CRE</b></div> <p>[995] Andreas Maurer. A chain rule for the expected suprema of Gaussian processes. <i>Theoretical Computer Science</i>, 650(??):109–122, October 18, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516303796">http://www.sciencedirect.com/science/article/pii/S0304397516303796</a>.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;"><b>Anonymous:2016:EBar</b></div> <p>[996] Anonymous. Editorial Board. <i>Theoretical Computer Science</i>, 651(??):iii–ix, October 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516304947">http://www.sciencedirect.com/science/article/pii/S0304397516304947</a>.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;"><b>Elkin:2016:SEP</b></div> <p>[997] Michael Elkin, Ofer Neiman, and Christian Wulff-Nilsen. Space-efficient path-reporting approximate distance oracles. <i>Theoretical Computer Science</i>, 651(??):1–10, October 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516303838">http://www.sciencedirect.com/science/article/pii/S0304397516303838</a>.</p> | <div style="border: 1px solid black; padding: 2px; text-align: center;"><b>DArco:2016:SCC</b></div> <p>[998] Paolo D’Arco and Roberto De Prisco. Secure computation without computers. <i>Theoretical Computer Science</i>, 651(??):11–36, October 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516303905">http://www.sciencedirect.com/science/article/pii/S0304397516303905</a>.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;"><b>Haddadan:2016:CDS</b></div> <p>[999] Arash Haddadan, Takehiro Ito, Amer E. Mouawad, Naomi Nishimura, Hirotaka Ono, Akira Suzuki, and Youcef Tebbal. The complexity of dominating set reconfiguration. <i>Theoretical Computer Science</i>, 651(??):37–49, October 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516304248">http://www.sciencedirect.com/science/article/pii/S0304397516304248</a>.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;"><b>Wehmuth:2016:MG</b></div> <p>[1000] Klaus Wehmuth, Éric Fleury, and Arthur Ziviani. On MultiAspect graphs. <i>Theoretical Computer Science</i>, 651(??):50–61, October 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516304352">http://www.sciencedirect.com/science/article/pii/S0304397516304352</a>.</p> <div style="border: 1px solid black; padding: 2px; text-align: center;"><b>Hermelin:2016:PCC</b></div> <p>[1001] Danny Hermelin, Moshe Kaspi, Christian Komusiewicz, and Barak Navon. Parameterized complexity of critical node cuts. <i>Theoretical Computer Science</i>, 651(??):62–75, October 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516304351">http://www.sciencedirect.com/science/article/pii/S0304397516304351</a>.</p> |
|---|---|

- //www.sciencedirect.com/science/article/pii/S0304397516304364.
- Deng:2016:ARC**
- [1002] Xingchao Deng, Hengzhe Li, and Guiying Yan. Algorithm on rainbow connection for maximal outerplanar graphs. *Theoretical Computer Science*, 651(??): 76–86, October 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304388>.
- Pai:2016:CIC**
- [1003] Kung-Jui Pai, Jou-Ming Chang, Jinn-Shyong Yang, and Ro-Yu Wu. Corrigendum to “Incidence coloring on hypercubes” [Theoret. Comput. Sci. 557 (2014) 59–65]. *Theoretical Computer Science*, 651(??):87–88, October 25, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303887>. See [5].
- Anonymous:2016:EBas**
- [1004] Anonymous. Editorial Board. *Theoretical Computer Science*, 652(??): iii–ix, November 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305254>.
- Cao:2016:SOS**
- [1005] Qian Cao and Zhaohui Liu. Semionline scheduling with bounded job sizes on two uniform machines. *Theoretical Computer Science*, 652(??): 1–17, November 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304406>.
- He:2016:STI**
- [1006] Kai He, Jian Weng, Robert H. Deng, and Joseph K. Liu. On the security of two identity-based conditional proxy re-encryption schemes. *Theoretical Computer Science*, 652(??): 18–27, November 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304443>.
- Pai:2016:CTC**
- [1007] Kung-Jui Pai and Jou-Ming Chang. Constructing two completely independent spanning trees in hypercube-variant networks. *Theoretical Computer Science*, 652(??):28–37, November 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304455>.
- Karthick:2016:SSE**
- [1008] T. Karthick. Structure of squares and efficient domination in graph classes. *Theoretical Computer Science*, 652(??): 38–46, November 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304662>.
- Bell:2016:DCP**
- [1009] Paul C. Bell, Shang Chen, and Lisa Jackson. On the decidability and complexity of problems for restricted

- hierarchical hybrid systems. *Theoretical Computer Science*, 652(??):47–63, November 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304674>.
- Altman:2016:ICR**
- [1010] Harry Altman. Integer complexity: Representing numbers of bounded defect. *Theoretical Computer Science*, 652(??):64–85, November 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304789>. ■
- Bilo:2016:EAA**
- [1011] Davide Bilò, Luciano Gualà, Stefano Leucci, and Guido Proietti. Exact and approximate algorithms for movement problems on (special classes of) graphs. *Theoretical Computer Science*, 652(??):86–101, November 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304807>.
- Berend:2016:SCR**
- [1012] Daniel Berend and Aryeh Kontorovich. The state complexity of random DFAs. *Theoretical Computer Science*, 652(??):102–108, November 1, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304881>.
- Anonymous:2016:EBat**
- [1013] Anonymous. Editorial Board. *Theoretical Computer Science*, 653(??):iii–ix, November 15, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305370>.
- Yero:2016:SNS**
- [1014] Ismael González Yero, Marko Jakovac, and Dorota Kuziak. The security number of strong grid-like graphs. *Theoretical Computer Science*, 653(??):1–14, November 15, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304893>. ■
- Cechlarova:2016:SMT**
- [1015] Katarína Cechlárová, Tamás Fleiner, David F. Manlove, and Iain McBride. Stable matchings of teachers to schools. *Theoretical Computer Science*, 653(??):15–25, November 15, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305011>.
- Sureson:2016:IML**
- [1016] Claude Sureson.  $\Pi_1^1$ -Martin-Löf random reals as measures of natural open sets. *Theoretical Computer Science*, 653(??):26–41, November 15, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305059>.
- Damaschke:2016:DVR**
- [1017] Peter Damaschke. Deterministic versus randomized adaptive test cover. *Theoretical Computer Science*, 653(??):

- 42–52, November 15, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305060>.
- Dagdelen:2016:RLS**
- [1018] Özgür Dagdelen, Payman Mohassel, and Daniele Venturi. Rate-limited secure function evaluation. *Theoretical Computer Science*, 653(??):53–78, November 15, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305072>.
- Li:2016:ECR**
- [1019] Xiang-Jun Li, Qi-Qi Dong, Zheng Yan, and Jun-Ming Xu. Embedded connectivity of recursive networks. *Theoretical Computer Science*, 653(??):79–86, November 15, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305096>.
- Bourne:2016:SHS**
- [1020] Tom Bourne and Nik Ruskuc. On the star-height of subword counting languages and their relationship to Rees zero-matrix semigroups. *Theoretical Computer Science*, 653(??):87–96, November 15, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305114>.
- Reis:2016:IRL**
- [1021] Rogério Reis and Emanuele Rodaro. Ideal regular languages and strongly connected synchronizing automata. *Theoretical Computer Science*, 653(??):97–107, November 15, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305138>.
- Beretta:2016:CPT**
- [1022] Stefano Beretta, Mauro Castelli, and Riccardo Dondi. Corrigendum to “Parameterized tractability of the maximum-duo preservation string mapping problem” [Theoret. Comput. Sci. 646 (2016) 16–25]. *Theoretical Computer Science*, 653(??):108–110, November 15, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305023>. See [957].
- Anonymous:2016:EBau**
- [1023] Anonymous. Editorial Board. *Theoretical Computer Science*, 654(??):iii–ix, November 22, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305588>.
- Xu:2016:ECC**
- [1024] Dachuan Xu, Donglei Du, and Ding-Zhu Du. Editorial for Computing and Combinatorics Conference. *Theoretical Computer Science*, 654(??):1, November 22, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305643>.

- |   |   |
|---|---|
| <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Chen:2016:CBS</b></div> <p>[1025] Ruiwen Chen and Valentine Kabanets. Correlation bounds and #SAT algorithms for small linear-size circuits. <i>Theoretical Computer Science</i>, 654(??):2–10, November 22, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516301189">http://www.sciencedirect.com/science/article/pii/S0304397516301189</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Zhang:2016:MFC</b></div> <p>[1026] Nan Zhang, Zhenhua Duan, and Cong Tian. A mechanism of function calls in MSVL. <i>Theoretical Computer Science</i>, 654(??):11–25, November 22, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S030439751600181X">http://www.sciencedirect.com/science/article/pii/S030439751600181X</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>He:2016:NOM</b></div> <p>[1027] Dayu He and Xin He. Nearly optimal monotone drawing of trees. <i>Theoretical Computer Science</i>, 654(??):26–32, November 22, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516000207">http://www.sciencedirect.com/science/article/pii/S0304397516000207</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Dang:2016:QCS</b></div> <p>[1028] Zhe Dang, Thomas R. Fischer, William J. Hutton III, Oscar H. Ibarra, and Qin Li. Quantifying communication in synchronized languages. <i>Theoretical Computer Science</i>, 654(??):33–44, November 22, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516000864">http://www.sciencedirect.com/science/article/pii/S0304397516000864</a>.</p> | <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Yu:2016:IAA</b></div> <p>[1029] Wei Yu and Zhaohui Liu. Improved approximation algorithms for some min-max and minimum cycle cover problems. <i>Theoretical Computer Science</i>, 654(??):45–58, November 22, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516000852">http://www.sciencedirect.com/science/article/pii/S0304397516000852</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Massberg:2016:ERS</b></div> <p>[1030] Jens Maßberg. Embedding rectilinear Steiner trees with length restrictions. <i>Theoretical Computer Science</i>, 654(??):59–69, November 22, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516302547">http://www.sciencedirect.com/science/article/pii/S0304397516302547</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Meesum:2016:RRA</b></div> <p>[1031] S. M. Meesum, Pranabendu Misra, and Saket Saurabh. Reducing rank of the adjacency matrix by graph modification. <i>Theoretical Computer Science</i>, 654(??):70–79, November 22, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <a href="http://www.sciencedirect.com/science/article/pii/S0304397516001420">http://www.sciencedirect.com/science/article/pii/S0304397516001420</a>.</p> <div style="text-align: center; border: 1px solid black; padding: 2px;"><b>Jo:2016:SER</b></div> <p>[1032] Seungbum Jo and Srinivasa Rao Satti. Simultaneous encodings for range and next/previous larger/smaller value queries. <i>Theoretical Computer Science</i>, 654(??):80–91, November 22, 2016. CODEN TCSCDI. ISSN 0304-3975 (print),</p> |
|---|---|

- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000876>.
- Chakraborty:2016:UBF**
- [1033] Sourav Chakraborty, Raghav Kulkarni, Satyanarayana V. Lokam, and Nitin Saurabh. Upper bounds on Fourier entropy. *Theoretical Computer Science*, 654(??):92–112, November 22, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301190>.
- Su:2016:SSP**
- [1034] Shenghui Su, Shuwang Lü, Maozhi Xu, and Tao Xie. A semantically secure public key cryptoscheme using bit-pair shadows. *Theoretical Computer Science*, 654(??):113–127, November 22, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300561>.
- Su:2016:PSN**
- [1035] Shenghui Su, Tao Xie, and Shuwang Lü. A provably secure non-iterative hash function resisting birthday attack. *Theoretical Computer Science*, 654(??):128–142, November 22, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001547>.
- Balas:2016:NAR**
- [1036] Kevin Balas and Csaba D. Tóth. On the number of anchored rectangle packings for a planar point set. *Theoretical Computer Science*, 654(??):143–154, November 22, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001973>.
- Uno:2016:MPS**
- [1037] Takeaki Uno and Yushi Uno. Mining preserving structures in a graph sequence. *Theoretical Computer Science*, 654(??):155–163, November 22, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011469>.
- Wang:2016:AAC**
- [1038] Yin Wang and Yinfeng Xu. The approximation algorithms for a class of multiple-choice problem. *Theoretical Computer Science*, 654(??):164–174, November 22, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302948>.
- Nip:2016:SSC**
- [1039] Kameng Nip, Zhenbo Wang, and Wenxun Xing. A study on several combination problems of classic shop scheduling and shortest path. *Theoretical Computer Science*, 654(??):175–187, November 22, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011883>.

- Ye:2016:ACT**
- [1040] Deshi Ye and Guochuan Zhang. Approximate composable truthful mechanism design. *Theoretical Computer Science*, 654(??):188–198, November 22, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001560>.
- Anonymous:2016:EBav**
- [1041] Anonymous. Editorial Board. *Theoretical Computer Science*, 655 (part A) (??):iii–ix, December 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305746>.
- Fomin:2016:FSI**
- [1042] Fedor V. Fomin, Pierre Fraigniaud, Nicolas Nisse, and Dimitrios M. Thilikos. Forewords: Special issue on Theory and Applications of Graph Searching Problems. *Theoretical Computer Science*, 655 (part A) (??):1, December 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305813>.
- Bonato:2016:PVG**
- [1043] Anthony Bonato, Dieter Mitsche, Xavier Pérez-Giménez, and Paweł Pralat. A probabilistic version of the game of Zombies and Survivors on graphs. *Theoretical Computer Science*, 655 (part A)(??):2–14, December 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305151>.
- Puchala:2016:JRD**
- [1047] Bernd Puchala and Roman Rabinovich. Jumping robbers in digraphs. *Theoretical Computer Science*, 655 (part A) (??):58–77, December 6, 2016. CODEN
- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011731>.
- Foerster:2016:LUC**
- [1044] Klaus-Tycho Foerster and Roger Wattenhofer. Lower and upper competitive bounds for online directed graph exploration. *Theoretical Computer Science*, 655 (part A)(??):15–29, December 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515010166>.
- Lehner:2016:PEI**
- [1045] Florian Lehner. Pursuit evasion on infinite graphs. *Theoretical Computer Science*, 655 (part A)(??):30–40, December 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300639>.
- Luccio:2016:MAM**
- [1046] Fabrizio Luccio and Linda Pagli. More agents may decrease global work: a case in butterfly decontamination. *Theoretical Computer Science*, 655 (part A)(??):41–57, December 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305151>.

- TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305035>.
- Amiri:2016:DWP**
- [1048] Saeed Akhoondian Amiri, Stephan Kreutzer, and Roman Rabinovich. DAG-width is PSPACE-complete. *Theoretical Computer Science*, 655 (part A)(??):78–89, December 6, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751630487X>.
- Anonymous:2016:EBaw**
- [1049] Anonymous. Editorial Board. *Theoretical Computer Science*, 656 (part A)(??):iii–ix, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305862>.
- Carotenuto:2016:OMS**
- [1050] Dario Carotenuto, Aniello Murano, and Adriano Peron. Ordered multi-stack visibly pushdown automata. *Theoretical Computer Science*, 656 (part A)(??):1–26, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304200>.
- Fu:2016:DES**
- [1051] Xiang Fu. On detecting environment sensitivity using slicing. *Theoretical Computer Science*, 656 (part A)(??):27–45, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304686>.
- Diaconescu:2016:FSF**
- [1052] Razvan Diaconescu. Functorial semantics of first-order views. *Theoretical Computer Science*, 656 (part A)(??):46–59, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304844>.
- Basu:2016:DSA**
- [1053] Samik Basu and Tevfik Bultan. On deciding synchronizability for asynchronously communicating systems. *Theoretical Computer Science*, 656 (part A)(??):60–75, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305102>.
- Lellmann:2016:HRR**
- [1054] Björn Lellmann. Hypersequent rules with restricted contexts for propositional modal logics. *Theoretical Computer Science*, 656 (part A)(??):76–105, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305187>.
- Anonymous:2016:EBax**
- [1055] Anonymous. Editorial Board. *Theoretical Computer Science*, 656 (Part B)(??):iii–ix, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic).

- URL <http://www.sciencedirect.com/science/article/pii/S0304397516306296> ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300706>.
- Iliopoulos:2016:F**
- [1056] Costas S. Iliopoulos and Simon J. Pugisi. Foreword. *Theoretical Computer Science*, 656 (Part B)(??):107, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516306880>.
- Heliou:2016:EDR**
- [1057] A. Heliou, M. Léonard, L. Mouchard, and M. Salson. Efficient dynamic range minimum query. *Theoretical Computer Science*, 656 (Part B)(??):108–117, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303164>.
- Daykin:2016:BBO**
- [1058] Jacqueline W. Daykin, Richard Groult, Yannick Guesnet, Thierry Lecroq, Arnaud Lefebvre, Martine Léonard, and Élise Prieur-Gaston. Binary block order Rouen Transform. *Theoretical Computer Science*, 656 (Part B)(??):118–134, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301645>.
- Cordova:2016:SEF**
- [1059] Joshimar Cordova and Gonzalo Navarro. Simple and efficient fully-functional succinct trees. *Theoretical Computer Science*, 656 (Part B)(??):135–145, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300706>.
- Amir:2016:AJI**
- [1060] Amihood Amir, Alberto Apostolico, Tirza Hirst, Gad M. Landau, Noa Lewenstein, and Liat Rozenberg. Algorithms for Jumbled Indexing, Jumbled Border and Jumbled Square on run-length encoded strings. *Theoretical Computer Science*, 656 (Part B)(??):146–159, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751630069X>.
- Barton:2016:LTC**
- [1061] Carl Barton, Chang Liu, and Solon P. Pissis. Linear-time computation of prefix table for weighted strings & applications. *Theoretical Computer Science*, 656 (Part B)(??):160–172, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300688>.
- Kim:2016:SEA**
- [1062] Youngho Kim, Joong Chae Na, Heejin Park, and Jeong Seop Sim. A space-efficient alphabet-independent Four-Russians' lookup table and a multithreaded Four-Russians' edit distance algorithm. *Theoretical Computer Science*, 656 (Part B)(??):173–179, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300706>.

- //www.sciencedirect.com/science/article/pii/S0304397516300676.
- Rytter:2016:TFC**
- [1063] Wojciech Rytter. Two fast constructions of compact representations of binary words with given set of periods. *Theoretical Computer Science*, 656 (Part B)(??):180–187, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300664>.
- Zohora:2016:EAD**
- [1064] Fatema Tuz Zohora and M. Sohel Rahman. An efficient algorithm to detect common ancestor genes for non-overlapping inversion and applications. *Theoretical Computer Science*, 656 (Part B)(??):188–214, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001961>.
- I:2016:FLF**
- [1065] Tomohiro I., Yuto Nakashima, Shunsuke Inenaga, Hideo Bannai, and Masayuki Takeda. Faster Lyndon factorization algorithms for SLP and LZ78 compressed text. *Theoretical Computer Science*, 656 (Part B)(??):215–224, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751600195X>.
- Matsuoka:2016:GPM**
- [1066] Yoshiaki Matsuoka, Takahiro Aoki, Shunsuke Inenaga, Hideo Bannai, and Masayuki Takeda. Generalized pattern matching and periodicity under substring consistent equivalence relations. *Theoretical Computer Science*, 656 (Part B)(??):225–233, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001390>.
- Crochemore:2016:DLS**
- [1067] Maxime Crochemore and Robert Merca. On the density of Lyndon roots in factors. *Theoretical Computer Science*, 656 (Part B)(??):234–240, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001377>.
- Badkobeh:2016:ECM**
- [1068] Golnaz Badkobeh, Maxime Crochemore, Manal Mohamed, and Chalita Toopswan. Efficient computation of maximal anti-exponent in palindrome-free strings. *Theoretical Computer Science*, 656 (Part B)(??):241–248, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001365>.
- Simpson:2016:APL**
- [1069] Jamie Simpson. An abelian periodicity lemma. *Theoretical Computer Science*, 656 (Part B)(??):249–255, December 20, 2016. CODEN

- TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011755>.
- Fici:2016:FCA**
- [1070] Gabriele Fici, Tomasz Kociumaka, Thierry Lecroq, Arnaud Lefebvre, and Élise Prieur-Gaston. Fast computation of abelian runs. *Theoretical Computer Science*, 656 (Part B)(??):256–264, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011718>.
- Karkkainen:2016:TBS**
- [1071] Juha Kärkkäinen, Dominik Kempa, and Marcin Piątkowski. Tighter bounds for the sum of irreducible LCP values. *Theoretical Computer Science*, 656 (Part B)(??):265–278, December 20, 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011706>.
- Anonymous:2016:EBaz**
- [1072] Anonymous. Editorial Board. *Theoretical Computer Science*, 657 (Part B)(??):iii–ix, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516306454>.
- Mohan:2016:CFA**
- [1073] Usha Mohan, Sivaramakrishnan Ramanani, and Sounaka Mishra. Constant factor approximation algorithm for TSP satisfying a biased triangle inequality. *Theoretical Computer Science*, 657 (Part B)(??):111–126, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305047>.
- Anselmo:2016:NEN**
- [1074] Marcella Anselmo, Dora Giammarresi, and Maria Madonia. Non-expandable non-overlapping sets of pictures. *Theoretical Computer Science*, 657 (Part B)(??):127–136, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305126>.
- Meira:2016:CTC**
- [1075] Luis A. A. Meira, Flávio K. Miyazawa, and Leilton L. C. Pedrosa. Clustering through Continuous Facility Location Problems. *Theoretical Computer Science*, 657 (Part B)(??):137–145, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751630514X>.
- Du:2016:DAF**
- [1076] Chen Fei Du, Hamoon Mousavi, Eric Rowland, Luke Schaeffer, and Jeffrey Shallit. Decision algorithms for Fibonacci-automatic words, II: Related sequences and avoidability. *Theoretical Computer Science*, 657 (Part B)(??):146–162, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751630514X>.

- //www.sciencedirect.com/science/article/pii/S0304397516305199.
- Guo:2016:CDR**
- [1077] Jia Guo and Mei Lu. Conditional diagnosability of the round matching composition networks. *Theoretical Computer Science*, 657 (Part B) (??):163–172, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751630531X>.
- Kawahara:2016:BBO**
- [1078] Jun Kawahara, Koji M. Kobayashi, and Shuichi Miyazaki. Better bounds for online  $k$ -frame throughput maximization in network switches. *Theoretical Computer Science*, 657 (Part B)(??):173–190, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305321>.
- Zhang:2016:MLS**
- [1079] Haixia Zhang and Yi Wang. The minimal Laplacian spectral radius of trees with diameter 4. *Theoretical Computer Science*, 657 (Part B) (??):191–195, ???? 2016. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305163>.
- Anonymous:2017:EBa**
- [1080] Anonymous. Editorial Board. *Theoretical Computer Science*, 657 (part A) (??):iii–ix, January 2, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516306375>.
- Wang:2017:P**
- [1081] Jianxin Wang and Chee K. Yap. Preface. *Theoretical Computer Science*, 657 (part A)(??):1–2, January 2, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516306867>.
- Furer:2017:ECC**
- [1082] Martin Fürer. Efficient computation of the characteristic polynomial of a threshold graph. *Theoretical Computer Science*, 657 (part A)(??):3–10, January 2, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S030439751630336X>.
- Lin:2017:PTS**
- [1083] Mugang Lin, Qilong Feng, Jianer Chen, and Wenjun Li. Partition on trees with supply and demand: Kernelization and algorithms. *Theoretical Computer Science*, 657 (part A)(??):11–19, January 2, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303000>.
- Li:2017:IKR**
- [1084] Wenjun Li, Qilong Feng, Jianer Chen, and Shuai Hu. Improved kernel results for some FPT problems based on simple observations. *Theoretical Computer Science*, 657 (part A)(??):

- 20–27, January 2, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302481>.
- Wang:2017:TAA**
- [1085] Jinyan Wang, Minghao Yin, and Jingli Wu. Two approximate algorithms for model counting. *Theoretical Computer Science*, 657 (part A) (??):28–37, January 2, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302316>.
- Liu:2017:FQA**
- [1086] Yang Liu and Shengyu Zhang. Fast quantum algorithms for least squares regression and statistic leverage scores. *Theoretical Computer Science*, 657 (part A)(??):38–47, January 2, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302304>.
- Cheng:2017:IAI**
- [1087] Jie Cheng, Daming Zhu, and Binhai Zhu. Improved algorithms for intermediate dataset storage in a cloud-based dataflow. *Theoretical Computer Science*, 657 (part A)(??): 48–53, January 2, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302286>.
- Xian:2017:AMN**
- [1088] Aiyong Xian, Kaiyuan Zhu, Daming Zhu, Lianrong Pu, and Hong Liu. Approximating Max NAE- $k$ -SAT by anonymous local search. *Theoretical Computer Science*, 657 (part A) (??):54–63, January 2, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302262>.
- Dong:2017:FPT**
- [1089] Jianming Dong, Weitian Tong, Taibo Luo, Xueshi Wang, Jueliang Hu, Yinfeng Xu, and Guohui Lin. An FPTAS for the parallel two-stage flowshop problem. *Theoretical Computer Science*, 657 (part A)(??):64–72, January 2, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302250>.
- Ivanyos:2017:SSD**
- [1090] Gábor Ivanyos and Miklos Santha. Solving systems of diagonal polynomial equations over finite fields. *Theoretical Computer Science*, 657 (part A) (??):73–85, January 2, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302249>.
- Xiao:2017:EAM**
- [1091] Mingyu Xiao and Shaowei Kou. Exact algorithms for the maximum dissociation set and minimum 3-path vertex cover problems. *Theoretical Computer Science*, 657 (part A)(??):

- 86–97, January 2, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302225>.
- Zhang:2017:PSG**
- [1092] Peng Zhang and Yong Gao. A probabilistic study of generalized solution concepts in satisfiability testing and constraint programming. *Theoretical Computer Science*, 657 (part A)(??): 98–110, January 2, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302201>.
- Anonymous:2017:EBb**
- [1093] Anonymous. Editorial Board. *Theoretical Computer Science*, 658 (part A)(??):iii–ix, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516306612>.
- Giammarresi:2017:P**
- [1094] Dora Giammarresi, Sabrina Mantaci, Marinella Sciortino, and Filippo Mignosi. Preface. *Theoretical Computer Science*, 658 (part A)(??):1–3, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516306958>.
- Anselmo:2017:TDC**
- [1095] Marcella Anselmo and Maria Madonia. Two-dimensional comma-free and cylindric codes. *Theoretical Computer Science*, 658 (part A)(??): 4–17, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302523>.
- Beal:2017:SNS**
- [1096] Marie-Pierre Béal and Pavel Heller. Shifts of  $k$ -nested sequences. *Theoretical Computer Science*, 658 (part A)(??):18–26, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302973>.
- Badkobeh:2017:CME**
- [1097] Golnaz Badkobeh, Maxime Crochemore, and Robert Mercas. Counting maximal-exponent factors in words. *Theoretical Computer Science*, 658 (part A)(??):27–35, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516001778>.
- Barcucci:2017:NOM**
- [1098] Elena Barcucci, Antonio Bernini, Stefano Bilotta, and Renzo Pinzani. Non-overlapping matrices. *Theoretical Computer Science*, 658 (part A)(??): 36–45, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301220>.
- Bersani:2017:LCT**
- [1099] Marcello M. Bersani, Matteo Rossi, and Pierluigi San Pietro. A logical characterization of timed regular languages. *Theoretical Com-*

- puter Science*, 658 (part A)(??):46–59, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303541>.
- Bonizzoni:2017:CGA**
- [1100] Paola Bonizzoni, Anna Paola Carriero, Gianluca Della Vedova, Raffaella Rizzi, and Gabriella Trucco. A colored graph approach to perfect phylogeny with persistent characters. *Theoretical Computer Science*, 658 (part A) (??):60–73, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304236>.
- Castiglione:2017:CLH**
- [1101] Giusi Castiglione and Paolo Massazza. On a class of languages with holonomic generating functions. *Theoretical Computer Science*, 658 (part A) (??):74–84, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516303565>.
- Choffrut:2017:SWD**
- [1102] Christian Choffrut. Sequences of words defined by two-way transducers. *Theoretical Computer Science*, 658 (part A) (??):85–96, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301177>.
- Cori:2017:SB**
- [1103] R. Cori and C. Reutenauer. On Sillke’s bijection. *Theoretical Computer Science*, 658 (part A)(??):97–104, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300548>.
- Reghizzi:2017:TTI**
- [1104] Stefano Crespi Reghizzi, Violetta Lonati, Dino Mandrioli, and Matteo Pradella. Toward a theory of input-driven locally parsable languages. *Theoretical Computer Science*, 658 (part A)(??):105–121, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301165>.
- Daniello:2017:CSW**
- [1105] Alma D’Aniello, Aldo de Luca, and Alessandro De Luca. On Christoffel and standard words and their derivatives. *Theoretical Computer Science*, 658 (part A)(??):122–147, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301232>.
- Felice:2017:USC**
- [1106] Clelia De Felice, Rocco Zaccagnino, and Rosalba Zizza. Unavoidable sets and circular splicing languages. *Theoretical Computer Science*, 658 (part A)(??):148–158, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print),

- 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516304819>.
- Dolce:2017:NTS**
- [1107] Francesco Dolce and Dominique Perrin. Neutral and tree sets of arbitrary characteristic. *Theoretical Computer Science*, 658 (part A)(??):159–174, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000190>.
- Guajana:2017:LTW**
- [1108] Giovanna Guajana. Local testability from words to traces, a suitable definition. *Theoretical Computer Science*, 658 (part A)(??):175–189, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302687>.
- Karhumaki:2017:CAE**
- [1109] Juhani Karhumäki, Svetlana Puzynina, Michaël Rao, and Markus A. Whiteland. On cardinalities of  $k$ -abelian equivalence classes. *Theoretical Computer Science*, 658 (part A)(??):190–204, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302468>.
- Kleijn:2017:AR**
- [1110] Jetty Kleijn, Maciej Koutny, Marta Pietkiewicz-Koutny, and Grzegorz Rozenberg. Applying regions. *Theoretical Computer Science*, 658 (part A)(??):205–215, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000840>.
- Marsault:2017:SRL**
- [1111] Victor Marsault and Jacques Sakarovitch. The signature of rational languages. *Theoretical Computer Science*, 658 (part A)(??):216–234, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516300627>.
- Moreira:2017:OSR**
- [1112] Nelma Moreira, Giovanni Pighizzini, and Rogério Reis. Optimal state reductions of automata with partially specified behaviors. *Theoretical Computer Science*, 658 (part A)(??):235–245, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301153>.
- Pin:2017:UCF**
- [1113] Jean-Éric Pin and Pedro V. Silva. On uniformly continuous functions for some profinite topologies. *Theoretical Computer Science*, 658 (part A)(??):246–262, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516302493>.
- Anonymous:2017:EBc**
- [1114] Anonymous. Editorial Board. *Theoretical Computer Science*, 658 (Part B) (??):iii–ix, January 7, 2017. CODEN TCSCDI.

- TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516306697>.
- Anonymous:2017:EBd**
- [1115] Anonymous. Editorial Board. *Theoretical Computer Science*, 658 (part B) (??):iii–ix, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516306697>.
- Adaricheva:2017:F**
- [1116] Kira Adaricheva, Giuseppe F. Italiano, Hans Kleine Büning, and György Turán. Foreword. *Theoretical Computer Science*, 658 (Part B)(??): 263, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516306934>.
- Wild:2017:JIA**
- [1117] Marcel Wild. The joy of implications, aka pure Horn formulas: Mainly a survey. *Theoretical Computer Science*, 658 (Part B)(??):264–292, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516002206>.
- Ausiello:2017:DHI**
- [1118] Giorgio Ausiello and Luigi Laura. Directed hypergraphs: Introduction and fundamental algorithms — a survey. *Theoretical Computer Science*, 658 (Part B)(??):293–306, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516002097>.
- Adaricheva:2017:DBB**
- [1119] K. Adaricheva and J. B. Nation. Discovery of the  $D$ -basis in binary tables based on hypergraph dualization. *Theoretical Computer Science*, 658 (Part B)(??):307–315, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011172>.
- Babin:2017:DLG**
- [1120] Mikhail A. Babin and Sergei O. Kuznetsov. Dualization in lattices given by ordered sets of irreducibles. *Theoretical Computer Science*, 658 (Part B)(??):316–326, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000165>.
- Rudolph:2017:STC**
- [1121] Sebastian Rudolph. Succinctness and tractability of closure operator representations. *Theoretical Computer Science*, 658 (Part B)(??):327–345, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515011986>.

- Arias:2017:LDH**
- [1122] Marta Arias, José L. Balcázar, and Cristina Tírnauca. Learning definite Horn formulas from closure queries. *Theoretical Computer Science*, 658 (Part B)(??):346–356, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397515009354>.
- Chardin:2017:RQL**
- [1123] Brice Chardin, Emmanuel Coquery, Marie Pailloux, and Jean-Marc Petit. RQL: a query language for rule discovery in databases. *Theoretical Computer Science*, 658 (Part B)(??):357–374, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516305941>.
- Obiedkov:2017:PCP**
- [1124] Sergei Obiedkov. Parameterized certis paribus preferences over atomic conjunctions under conservative semantics. *Theoretical Computer Science*, 658 (Part B)(??):375–390, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516000591>.
- Beaudou:2017:AMS**
- [1125] Laurent Beaudou, Arnaud Mary, and Lhouari Nourine. Algorithms for  $k$ -meet-semidistributive lattices. *Theoretical Computer Science*, 658 (Part B)(??):391–398, January 7, 2017.
- Kucera:2017:HCG**
- [1126] Petr Kucera. Hydras: Complexity on general graphs and a subclass of trees. *Theoretical Computer Science*, 658 (Part B)(??):399–416, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301840>.
- Sloan:2017:HDH**
- [1127] Robert H. Sloan, Despina Stasi, and György Turán. Hydras: Directed hypergraphs and Horn formulas. *Theoretical Computer Science*, 658 (Part B)(??):417–428, January 7, 2017. CODEN TCSCDI. ISSN 0304-3975 (print), 1879-2294 (electronic). URL <http://www.sciencedirect.com/science/article/pii/S0304397516301839>.